The University of Alberta
Faculty of Extension

Annual Report
1982-83

ANNUAL REPORT

ACTIVITIES OF THE FACULTY OF EXTENSION
OF THE UNIVERSITY OF ALBERTA
FOR THE YEAR ENDING MARCH 31, 1983

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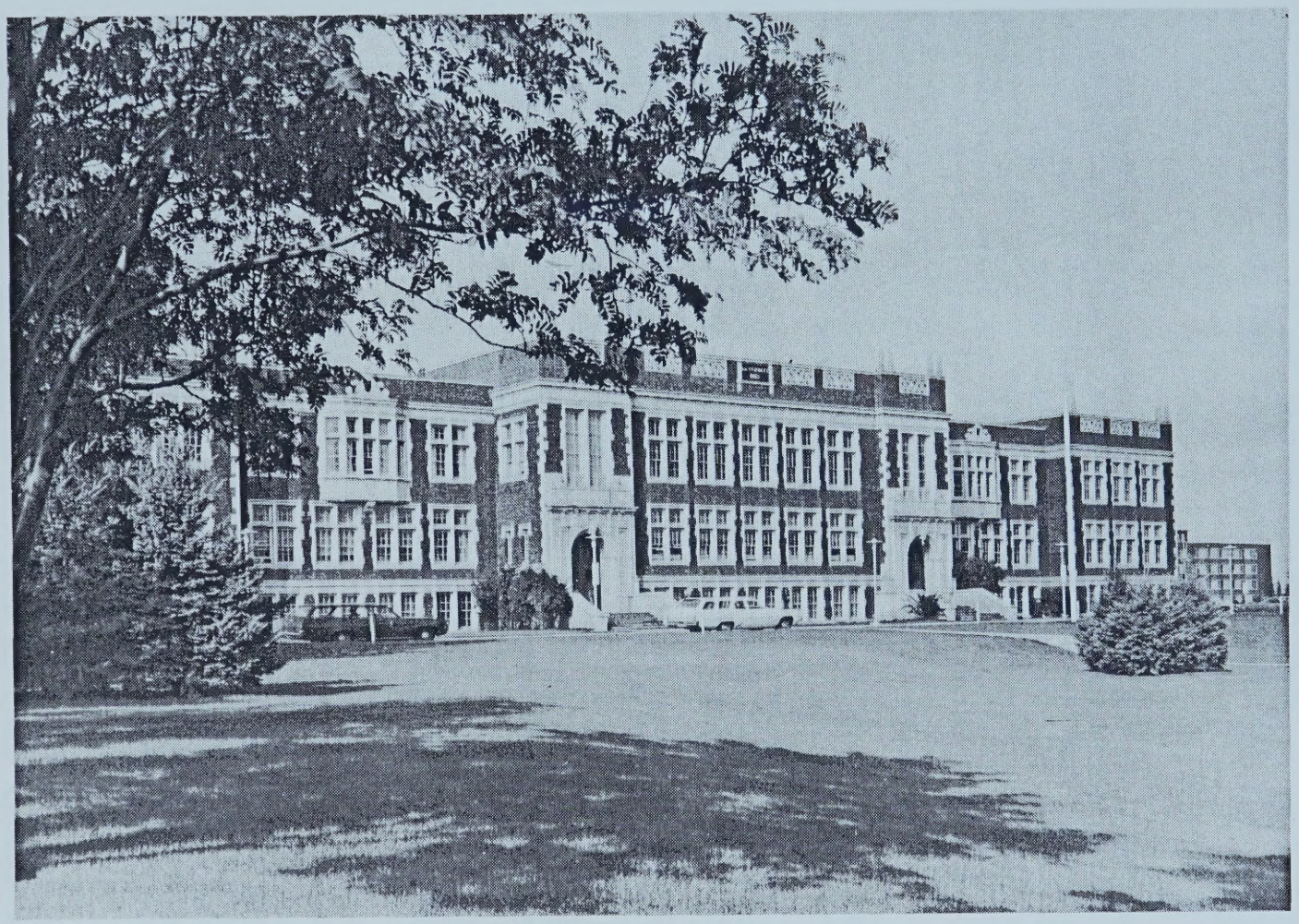

E.A. CORBETT HALL - HOME OF THE FACULTY OF EXTENSION

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ANNUAL REPORT

ACTIVITIES OF THE FACULTY OF EXTENSION OF THE UNIVERSITY OF ALBERTA FOR THE YEAR ENDING MARCH 31, 1983

Registration in the Faculty totalled 31,144, down from 33,964 in the previous year. Registrations in management seminars and continuing professional education were adversely affected by the recession, while increases were experienced in some general interest courses and evening courses in certificate programs. The Extension Library experienced a 14% growth in circulation, partly due to a postal strike which affected operations in the previous year. Activity in Educational Media remained at about the same level as previous years. The Legal Resource Centre experienced an increase in its work and the Local Government Administration Program entered an expansion phase funded by a special continuing grant from Alberta Advanced Education.

Faculty members increased their involvement in research and publishing, the details of which appear later in this narrative.

During the year, planning went forward by the University to transfer to the Faculty of Extension responsibility for Special Sessions and College Liaison. This change will be taking place July 1, 1983 and represents a substantial step forward for the Faculty.

Financial operations for the year were satisfactory. There was a budget overrun of $14,700 or .6% of the total net budget of $2,270,900. Details of this appear in Exhibit D, including historical figures for comparison.

As in previous years, the Faculty's success was due to the efforts of the staff; the academics, the support staff, and the hundreds of part-time instructors. Without these contributions, there would be nothing to report.

The balance of this narrative describes some details of the year's work. The tables supply much more detail about the courses offered, with dates and enrollment figures.

AGRICULTURE AND FORESTRY

These two sectors form a very important part of the Alberta economy and their efficiency contributes much to societal well-being in the province. The Faculty of Extension's mission in these areas is to facilitate the development, dissemination, interpretation and application of scientific knowledge and technology. To achieve this, we work closely with the Faculty of Agriculture and Forestry, Alberta Agriculture, the Rural Education and Development Association and various other professional and industrial associations.

During the year, a program of seminars, conferences and evening courses was offered which had a total registration of 337. In addition two home study courses were offered, in cooperation with Alberta Agriculture, which had a total registration of 1,521. Materials produced and distributed included extension bulletins, program proceedings and

the quarterly *Agriculture and Forestry Bulletin.* During the year, 17,000 of these publications were distributed.

Extensive planning was done for the new Alberta Dairy Seminar and the Agro-Electronic Trade Show, both due to be offered early in the 1983-84 year.

HOME ECONOMICS

Our Faculty has been working for a number of years with the Faculty of Home Economics to provide continuing education for members of that profession. Four seminars were offered with a total registration of 130. Two of these, Bio-Chemistry Update and Nutrition and Cancer, were new.

TRAINING IN ADULT EDUCATION

As adult education has grown in recent years to form a major element in the country's educational system, more attention has been given to the training of practitioners in this field. The Faculty of Extension recognizes that the quality of adult education offered depends on the competence of these practitioners, so it has been providing a program of training seminars for them.

The sixth annual series of short courses included 16 titles and had a total registration of 337. This was down from 424 in the previous year.

Those enrolled in these programs come from a wide range of backgrounds and organizational settings in various provinces of Canada. Their places of work included universities, colleges, technical institutes, vocational centers, school boards, businesses, industries, labour unions and voluntary organizations. To support these training efforts the Faculty has a library of 1,500 volumes on adult education along with related audio-visual materials in the Adult Student Centre.

During the year, six seminars were organized for members of the academic staff of the Faculty, as well as two in-service training courses for other University academics and professional officers. These latter two courses were sponsored by the University administration.

BUSINESS AND PROFESSIONAL

Certificate program enrollments in the Management Development, Computers and Business Data Processing, and Personnel Administration Certificate Programs continued to increase in the 1982-83 year. The most dramatic jump in registrations occurred in the Computers and Business Data Processing Program, climbing from 944 in 1981-82 to 1,220 in 1982-83. New courses added in 1982-83 were Systems Analysis and Design as the final course in the Computers and Business Data Processing Program, and Manpower Planning as an optional course in the Personnel Administration Program.

A new stream was added to the Management Development Program. This was the Management Development Program for Professional Engineers, Geologists and Geophysicists and it offered in its first year Introduction to Administrative Practices

and Decision-Making and Introductory Financial Accounting. Out-of-town Management Development Program courses were offered in Whitehorse and Yellowknife.

Total registrations were as follows:

			Registrants
Management Development (including both Certificate students and Institute of Canadian Bankers students)	3,183	in	71 classes
Purchasing Management	150	in	5 classes
Personnel Administration	484	in	16 classes
Computers and Business Data Processing	1,220	in	34 classes
TOTALS	5,037		126 classes

The Faculty of Extension continued to cooperate with several associations in offering required courses for their professional designations. These associations include: The Institute of Canadian Bankers; The Purchasing Management Association of Canada; The Insurance Institute of Canada; The Canadian Credit Union Institute; The Trust Companies Institute of Canada; and The Canadian Institute of Certified Administrative Managers.

A total of 62 short courses and seminars of interest to business and professional managers were offered during the year. General supervision and management seminars covered a variety of topics such as The Art of Negotiating . . . With Anyone, Advanced Management and Leadership Skills and Techniques, Assertive Management for Women, Transactional Accounting Workshop and Employee Discipline and Complaint Handling. Evening courses such as Managing Investments, Wills and Estate Planning and The Short Course on the Income Tax Act were also well received.

The Supervisory Development Program continued its growth trend - registrations totalled 761 for the 1982-83 year. Topic areas covered were Principles of Supervision, Communications, Human Relations, Instruction Skills, Interviewing Techniques, Labour Relations and Accident Prevention. The program was also offered in Yellowknife, in cooperation with the Government of the Northwest Territories.

ACCOUNTING

The Faculty of Extension carries a major responsibility for the administration of two professional accounting programs: the first in cooperation with The Association of Certified General Accountants of Alberta, and the second in cooperation with The Society of Management Accountants of Alberta. Completion of the program offered in each of these is nationally recognized by the professional designation, C.G.A. and R.I.A. The programs, offered in evening lecture series, prepare successful students for careers in all areas of the profession: accounting, finance, management, audit, data processing, and financial analysis.

During the year, 18 classes were offered in the C.G.A. program in Edmonton with a total of 1,180 students, a decrease of 26% over the previous year. Eighty-two classes were offered in the R.I.A. program to serve 1,895 students, a figure which represents

a decrease of 12% over the previous year. It is of interest that, of the students successfully completing the programs, over 50% hold University degrees. Especially noticeable is the increasing number of female students entering the programs, with the division between male/female now approximately equal.

CONSTRUCTION STUDIES

In close cooperation with the Alberta Contractors' Association, the Faculty of Engineering and several other trade associations, this unit programed technical continuing educational courses for people in the industry.

A major effort in the Construction Studies area this year was the organizing and offering of the subject of Project Management in evening course format. The new course was fully enrolled with a total of 40 participants. Other topics included Planning and Scheduling, Quality Control in Construction, Field Testing of Aggregates and Asphalt Pavements.

Considerable time was expended during the year in determining the direction which the Faculty's construction studies program should follow in the coming years. A questionnaire to members of the construction industry resulted in the return of 90 replies which indicated that there is a need and a demand for management subjects in course format.

EARTH SCIENCE

The Earth Science Program was highlighted by a number of important courses and some interesting field work. Along with the normal offerings such as courses in geology, air photo interpretation, terrain analysis, remote sensing, and water wells, new offerings included such titles as Gemology and Cadastral Studies.

EDUCATIONAL TRAVEL

The Faculty has been involved to a limited extent in this popular type of adult education. During the year, one trip went to Greece and Egypt and another to the Bamfield Marine Station on the West Coast of Vancouver Island. Several Faculty groups visited the Judy Chicago *Dinner Party* exhibit in Calgary. Each tour was preceded by a lecture on Chicago's work by Cherie Moses.

FINE ART

Ceramics

Apart from our Faculty's regularly scheduled program of spring and fall ceramics classes, we offered several "special" events. During the spring of 1982, teaching master Keith Campbell, from Canadore College in North Bay, Ontario, came to present an intensive week-long workshop examining the opportunities for the use of the airbrush as a tool for decorating on porcelain.

Internationally known ceramic artist Walter Dexter, a resident of Victoria, B.C., presented an intensive one week course exploring the history and the art of Raku firing. This program was oversubscribed and students travelled from as far away as Medicine Hat to attend. The grounds immediately surrounding Corbett Hall were peppered with hastily built but efficient kilns burning everything from propane to scrap lumber.

Eight carefully selected individuals worked full time for 10 consecutive weeks in our ceramics studio, beginning in late June. This studio enrichment program, offered for the third year, gave an opportunity for advanced students to develop a program of work in a studio atmosphere as a preliminary step to setting up their own studios. Neil Forrest, a graduate of Sheridan College, was artist in residence for seven weeks; as well, two prominent Canadian potters, Tony Bloom of Canmore and Jack Sures of Regina, visited the studio to present a two day seminar and critique of the work on hand.

Community Art, Art History and Music

The Community Art Program served the following centres in Alberta: Killam, Barrhead, Edson, Westlock, Vermilion, Viking, Morinville, Wetaskiwin, Camrose, Bon Accord, Falun, Ponoka, Peace River and Manning. A painting and drawing workshop was offered in Canmore using the facilities of the Alpine Club of Canada. Three new courses in our Art History program were offered: Architecture – Then and Now, Alberta Art and Artists, and Styles in the Twentieth Century Art. For the fourth consecutive year, a vocal workshop was offered in cooperation with the Department of Music.

Visual Arts

Eighty-nine courses in drawing and painting were offered in Edmonton with a registration of 1,287 students. Classes were conducted morning, afternoon and evening in three studios at three levels of instruction: basic, intermediate and advanced. Studio space and equipment were made available for the graduate and professional artists of the community. No new courses were offered in the visual arts program, but there was a transition towards specialization in theme and media. Students had the classrooms brought to them through outdoor camping workshops in Landscape Drawing and Painting. Workshops were held in the field at the Devonian Botanic Gardens, Slave Lake, Castle River and the Kootenay Plains Campgrounds, and the Canmore facility of the Alpine Club of Canada.

NURSING

Twenty-six courses in Continuing Nursing Education were offered in cooperation with the Faculty of Nursing with a total of 1,032 participants, an increase of 77% over the previous year.

A notable feature was the enthusiastic response to the first offering of a series of four programs in oncology nursing which covered the specific areas of: An Overview of Oncology Nursing, Nursing Implications of Surgical Intervention and Radiation Therapy, Nursing Implications of Chemotherapy and Immunotherapy, and The Psychosocial Aspects of Oncology Nursing.

Well received among other new programs offered were: Nurses and Family Interviewing – Level I, Psychiatric Mental Status Assessment, Nursing the Neurologically Injured Patient, and Senior Nursing Managers in the Collective Bargaining Process: Problems, Issues, Opportunities.

LEGAL RESOURCE CENTRE

The Legal Resource Centre has completed its seventh year of operation. It continues to be administered by the Faculty of Extension of The University of Alberta under an agreement with the Legal Resource Centre of Alberta Ltd. The Centre is funded by the Alberta Law Foundation and received $935,000 during the year from it. The overall goal of the Centre is to increase public concern for and involvement in the legal process.

It is estimated that there was, during the year, an overall increase in activity of approximately 20%.

Highlights:

- an increase of 300% in the use of the Centre's Speakers Bureau. The Centre assisted with 74 community events and 21 radio programs through this service.

- an increase in interest by public libraries in promoting and using their collections and in sponsoring law-related programs. In particular, the Edmonton Public Library offered a series of 18 lectures on legal topics.

- the production of Legal Rights of Older Persons, a booklet in a series titled Understanding and Working With Older People published by the Senior Citizen's Bureau of the Alberta government.

- the development, in conjunction with the Faculty of Law, the Canadian Bar Association – Young Lawyers Subsection and the Legal Education Association, of a new program, Saturday Morning at the Law School.

- the launching of Law in the Schools, a series of workshops for teachers.

- the development of a series of pamphlets listing legal services available in various parts of Alberta. Completed during 1982: Legal Services for Northern Alberta, Legal Services for Edmonton, Legal Services for Central Alberta, and Legal Services for Southern Alberta. The Centre has also agreed to produce Legal Services for Calgary which was previously published by Calgary Legal Guidance.

- the development of several workshops for youth, including: the Arrival of the Northwest Mounted Police, a participational drama program dealing with the relationship between law and culture; Environmental Needs and Responsibilities, a program which addresses the role of law and the concepts of rights and responsibilities; Children and Employment, a program which examines the position of children in the labour force; Law Club, a series of weekly meetings with youth to explore topics of interest and underlying legal concepts such as authority, power and rule-making.

- the development of a thesaurus of index terms to standardize their use in the Centre library in order to facilitate computerized searches of Centre materials.

- the Public Legal Education Network of Alberta Conference held June 21-23, 1982. The Centre assisted with the organization and fund-raising for this event and the Centre's Director served as the key-note speaker.

- the National Invitational Symposium for Public Legal Education Practitioners held October 19-21, 1982 convened by the Legal Resource Centre together with the Canadian Law Information Council.

- the expansion of the Centre into an additional 2,400 square feet of space. This has enabled the library to cope with its expanding collection and the Centre to provide a small programing area for use by the Law Club and Centre programing staff.

PLATO LEARNING CENTRE

The PLATO Learning Centre is a new endeavour within the Faculty of Extension. PLATO is a computer system which has been designed, developed and programed to teach. Over the past 12 years, a library of approximately 10,000 hours of lessons has been acquired. The Faculty's PLATO Learning Centre now offers 70 courses in a wide variety of interesting fields. One special venture, Summer Camp '82, a computer learning experience for children aged 10 to 17, had 250 registrants. Because of the Learning Centre's versatility, enrollment has increased month by month, and, as awareness of the Learning Centre's existence becomes more widespread, continuing growth is anticipated.

PUBLIC ADMINISTRATION

The Public Administration Certificate Program continues to attract an extremely able group of students. Demand has been such that an additional section has been added for the spring session of 1983. Other areas of interest have been the widespread acceptance of a series of new introductory microcomputing courses which have drawn a maximum number of students to sessions. Other areas of development include an enhanced set of offerings in the marketing and sales administration area, and a number of programs for the hospitality industry.

REAL ESTATE

The Real Estate Certificate Program included Appraisal of Real Property, Real Estate and Mortgage Finance, Taxation of Real Estate, Real Estate Law, Advanced Real Estate Law, Contract Law for Real Estate Personnel, Land Economics, Mathematics of Finance, Building Construction, Property Management and Land Planning and Development. Twenty-two graduates were presented with their certificates at the May, 1982 graduation.

The Certificate Program was augmented by a number of short courses and seminars

on real estate topics which promoted in-depth study of areas of current concern and presented specific real estate concepts. These programs were attended by 330 students who registered in: Apartment Rental Techniques, The Design, Operation and Maintenance of Building Structures, How to Survive, Compete, Expand and Make a Profit with Your Own Real Estate Company in the 1980's, Joint Venture, Equity Capital and Alternative Techniques of Financing Real Estate Development Projects, Proper Land Titles Search Procedures, Residential Landlords and Tenants, An Introduction to the Law, Occupancy Cost Control in Leasing Commercial Real Estate, and Should I Buy This House? Registrations, down from 455 in the previous year, were affected by the recession.

ENGINEERING

This is one of the professions severely affected by the recession and this was reflected by a drop in registrations. Thirty-two courses and seminars were offered and the total registration in them was 769.

Some highlights were: more interest than ever in Contract Law with five sections well attended, an international conference on the Design and Construction of Tunnels and Shafts, a new seminar on the Design of Modern Pressure Vessels, and a new evening course in the Fundamentals of Project Management.

The Faculty's new initiatives in Management Development for Engineers and Construction Management were referred to earlier in this narrative.

SAFETY

Six courses were offered in the Certificate Program in Occupational Safety. Registrations totalled 136. During the year a curriculum development project covering all six courses and paid for by a grant of $29,000 from Alberta Labour was carried out. These materials will be of great assistance to the various industry specialist teams whom we depend on to teach the course.

A specialized seminar was also offered on the topic of Occupational Ergonomics: Control of Injuries in Manual Lifting.

URBAN AND RURAL PLANNING STUDIES

This unit mounted its Certificate Program in Applied Land Use Planning Techniques, and a number of other seminars and courses. Particularly noteworthy in this regard were two courses: one entitled Annexation Techniques, the other The Practical Implications of Slow Growth. The Certificate Program had 24 new enrollees, for a total of approximately 60 active students. They come from as far away as Saskatchewan, British Columbia and the Northwest Territories.

APPLIED BEHAVIORAL SCIENCES

The Applied Behavioral Sciences Program encompasses courses in Psychology and

Personal Growth as well as Continuing Education for the Helping Professions. During the year a total of 85 courses and workshops were conducted.

As has been true for the past few years, courses dealing with assertion, interpersonal skills, self esteem, couples, and counselling have been particularly popular.

Courses offered for the first time included:

Bragging - Letting Others Appreciate You
Achieving Change in Children through Stories
Communicating Effectively with 3 - 12 Year-Olds
Life Planning for Couples
Personal Evolution: Continual Personal Change
Understanding Blended Families
Understanding the Family as a System
Family Communication: Family Interaction
Dealing with Resistance in Families with Rigid Structures
Helpful Techniques in Family Crises
Assessing Program Effectiveness
Behavioral Medicine Approaches to Health
Strategies for Effective Case Management
Hypnosis and Metaphor
Methods for Therapeutic Magic (Levels I and II)
Adult Life Stages: Where Are You?
Leadership Development
Creative and Non-Verbal Techniques in Family Therapy

A number of courses were conducted in the area of families - some for family members and others for family counsellors. This series is being continued, and attempts to provide information and skills to strengthen families.

LIBERAL STUDIES, FITNESS AND LIFESTYLE

Demand continues to be high in the French, German, and Spanish language programs. This year the first courses were offered, of what was intended to be a continuing series of French immersion courses in conjunction with Faculté Saint-Jean. Other courses with a continued high demand were Interior Design, Music Appreciation, and Tell Me a Story (storytelling to children). Two notable new courses related to the arts were The Joy of Opera and Creative Thinking, Feeling and Action Through Drama. A new series of natural history courses, focussing on ornithology, were not as popular as was hoped.

Three programs were co-sponsored with other agencies. Krishnamurti In Conversations with Bohm and Shainberg (Krishnamurti Education Trust), The University and the Community (Edmonton Public Library), and Film As Social Commentary (N.F.B. and Faculty of Arts) were open to the public and free of charge. They attracted limited audiences.

The Faculty undertook the organization, on behalf of the Provincial Senior Citizens Advisory Council, of the Alberta Symposium on Aging, in June, 1982, a major event bringing participants from all parts of the province and resource persons from across Canada and the U.S.A. The other major program for older persons - Spring Session

for Seniors – was again a marked success, drawing 290 registrations, the largest number in the history of the program so far.

The Faculty's major new thrust in Fitness and Lifestyle Programing, started in 1981, continued. A total of 69 courses were offered, with a total of 1,072 registrations. This program is concerned with the promotion of health and fitness, together with an understanding of basic physiological processes which affect health and fitness.

ENGLISH AS A SECOND LANGUAGE

The English Language Program has continued to meet the increasing demands for courses in English as a second language (ESL). During the past year, 111 40-hour courses were offered; the total enrollment of students in these classes represents an increase of 10.3% over that of 1981-1982.

The Testing Service played an important role during the last 12 months. The Placement Test, designed to assess differing levels of ESL proficiency, was administered to 771 applicants; the TOEFL Equivalent Battery, one of the requirements for admission of non-native speakers to The University of Alberta, was administered to 753 prospective students.

Teaching English as a Second Language (TESL) to Adults, a 10-week training course, was offered five times and attracted 130 participants. Eight Advanced TESL Workshops were conducted with an enrollment of 94 participating ESL teachers; two 14-hour TESL Weekend Workshops were held with 56 registrants.

INDIAN EDUCATION SERVICES

The Faculty of Extension maintains an educational service to native groups and individuals. Agencies such as the Canadian Native Friendship Centre, Native Outreach, Voice of Alberta Native Women's Society, Transient Native Women's Society and others are assisted through workshops and seminars.

Short courses in Cree Language and in Native History proved successful and were well received.

WOMEN'S PROGRAM

Started in July, 1981, the Women's Program continues to grow rapidly in response to the needs of women for continuing education and for change, both as individuals and collectively. During the year 1,448 persons, the majority of whom were women, attended 49 offerings. The Women's Program was also called upon to provide informal counselling and referrals for women, to offer organizational advice for women's groups and to represent the needs of women to various University bodies, such as the Senate, and government departments.

The majority of courses, workshops, conferences and public forums were new developments and included the areas of
1) women's studies, such as Images of Women in the Media;

2) women's issues, such as the public forum on Sexual Harassment: The Secret Oppression of Working Women and courses on The Law As It Affects Women (for which a grant for $11,000 was received from the Alberta Law Foundation); and
3) personal development, such as Compulsive Eating/Body Image and Stress Management for Women.

Whenever possible, efforts were made to organize activities in conjunction with women's groups, other University faculties, unions, etc. For example, grants totalling $9,239 were received from Health and Welfare Canada and Secretary of State to organize a provincial seminar, in liaison with local women's groups, on Pension Reform for Women.

A provincial workshop on Women and the Alberta Economy, New Directions for Research, was organized in conjunction with University Professors A. Hall, G. Lowe and R. Sydie. The Social Sciences and Humanities Research Council provided a $7,217 grant for the workshop and the resulting report was utilized by SSHRC in establishing the new strategic grants area on Women and the Canadian Economy.

Women's Program Co-ordinator Sandy Susut served as Alberta Director for the national Canadian Congress for Learning Opportunities for Women. In this capacity a local CCLOW group was organized, briefs were submitted to various task forces, for example, on the impact of microtechnology on women to Labour Canada, and a women's awareness session was organized for students at M.E. LaZerte High School.

STUDIES IN LOCAL GOVERNMENT

The Local Government Studies Program relocated to Ring House 2 in September, marking the start of the expansion of the Local Government Certificate Program under a new grant from Alberta Advanced Education.

A major goal of the expanded program is to establish a network of post-secondary institutions throughout the province through which the local Government Certificate program offerings will be made available to current and prospective students. Meetings were conducted with representatives from post-secondary institutions and Advanced Education to discuss the policies and guidelines of the province-wide program.

A curriculum design process was established, involving a three-stage process for the development of curriculum materials. Several new certificate courses were initiated, including Municipal Accounting, Assessment Principles, and Administrative Principles. Existing courses that are being re-developed include Introduction to Local Government, Building Construction, Local Government, Municipal Law, and Land Economics.

Development of a new series of non-certificate seminars was started, in part to form the base of the Secretary-Treasurer Citation Program. Designed to be relatively more practitioner-oriented than the certificate offerings, these seminars are also shorter and emphasize skills development. Topics include Council-Administration Issue Resolution Workshop, Introduction to Municipal Development (in cooperation with the Applied Land Use Planning Program), and several management-oriented seminars for public managers.

Special projects included the production of new publicity materials. A slide-tape

presentation focuses on the role of the local government administrator, and the need for continuing education to keep abreast of changing times. A new program calendar will describe the expanded Local Government Studies Program, its province-wide network of institutions, the courses that are offered throughout the network, and the program requirements and administrative procedures for entry and completion.

A number of bursaries that are designed to assist students in local government studies are available. The William Lede Bursary is a recently established fund for full-time study; the Ernest Newman Bursary, which has been available for several years, promotes part-time continuing study.

EXTENSION LIBRARY

The major function of the library continued to be the provision of books and information to families and individuals, in the rural areas of Alberta, who do not have access to other libraries. Table III contains statistical information about the library and shows that total circulation reached 161,630 for the year. This compares with a circulation of 141,837 in the previous year.

The library served approximately 12,000 people and 470 new applications for membership were received. There is a compensating attrition as new libraries open, people move to the cities, or request temporary discontinuation of the service. The library did not advertise its services this year as it seemed unwise to encourage an influx of new readers until a final decision had been made concerning the plan to move the library to new quarters. The new location will be off campus at 9403 - 63 Avenue.

A grant of $57,750 was received from Libraries Division, Alberta Culture to support the Inter-Library Loan Service. The library continued to employ two reference assistants who handled 14,994 requests last year. This figure does not include information requests generated by the library's own clientele. The latter are almost all subject requests and are, consequently, time consuming.

The library's other services, such as those to fire-tower personnel and Alberta penitentiaries, continued to be very popular. The penitentiary service is reviewed periodically by the directors of the Solicitor General's Library and the Extension Library to ensure that the service maintains its efficiency.

The library continued to borrow foreign language books from the Multi-Lingual Biblio-Service and to buy legal materials to support its service to laymen needing legal information. The back-up service for teachers of English as a Second Language has enjoyed only slow growth. However, it is hoped that the service will develop more quickly as it becomes better known. The service has been periodically advertised.

In September, a student of the Faculty of Education asked that the library send him books so that he could take a graduate course from his home in the Northwest Territories. The request was granted and it is hoped that the library will become steadily more involved in distance continuing adult education. The library received a constant stream of requests for materials to support school and continuing education projects from its regular members.

The library's major technical project continued to be the automation of its catalogue of books. The original data base was placed under control of the Spires Program in 1980 and the library is continuing the work of correcting and completing each catalogue entry and adding new acquisitions. Approximately four-fifths of the work is now done and it is hoped that the adult catalogue will be completed by mid-1983.

An acquisitions program has also been developed and it is hoped to have this functioning in the new fiscal year. This program will allow books to be entered into the data base at the time of the ordering decision. It will eliminate typing and filing of order forms, as well as several other time consuming tasks of the Acquisitions Sections.

The library acquired and processed 3,512 new-hard cover books this year and has a small backlog. This is because our cataloguer has been heavily involved in checking and proofreading listings from the automated catalogue.

The library's stream of reader correspondence continues to sound the notes of high praise and gratitude that have marked patrons' letters for many years. The guiding principle behind all of the library's activities is the provision of a highly personalised and responsive service. Readers' letters seem to suggest that the library is continuing to achieve this objective.

COMMUNITY RESOURCES DEVELOPMENT

The Elected Officials Symposium registered 287 elected officials from Alberta towns, villages, rural municipalities and counties, where they discussed and studied, at some depth, a number of key issues currently confronting local government councils. The Changing Society - The Changing School was the topic of discussion and study for the 248 Alberta School Trustees and School Superintendents at the 36th Annual Extension Seminar for School Trustees. The papers and subsequent discussion were excellent and informative. Proceedings of the seminar were published and are available upon request.

The adoption of low cost computer technology by local government organizations was given a boost by the new series of programs, Low Cost Computer Technology Application to Local Government Management.

To make these extension programs more accessible to Albertans, the programs were offered on a regional basis at Lethbridge, Red Deer, Edmonton and Grande Prairie. Over 200 local government officials, including representatives of school boards, public health units and recreation boards participated in the series.

EDUCATIONAL MEDIA

Several major projects were completed this year. They included preparation and production of a new film catalogue and a survey of older films in the library to determine replacement requirements.

The new general catalogue was released at the end of March. There were over 500 advanced orders for the catalogue prior to printing, and an additional 230

complimentary copies were distributed to campus departments. The slightly larger type size used this year, and the additional new titles listed, resulted in an increase in size from 212 pages in 1981 to 269 pages in the current edition. Statistical information is summarized in Table IV.

The maintenance of the film collection is critical. Although video materials are increasing in popularity, many topics are only available in film form, and the majority of users still prefer film. Over 50% of the titles have been in the library for more than 10 years. Color films are especially affected by aging as the color dyes fade. In 1982, 199 films were withdrawn from circulation due to wear, fading or outdated content. This year, 62 films were withdrawn.

A visual inspection was made of the films in specific subject areas, especially where accurate color was critical. Due to budget restraints only 56 films could be replaced with new prints. A major portion of the biological films, and the popular BBC art series, *Civilization*, were replaced. In most cases film prices for replacements are double the original film cost.

In addition to films, we have added new recordings and audio tapes. We hoped to begin the acquisition of educational videotapes, but this was delayed due to lack of a budget.

About two-thirds of the 359 equipment items listed on the equipment inventory are restricted to Extension use. These items are used for classroom presentations, production of materials and maintenance. However, there was a 500 item increase in outside orders for equipment.

Most categories of service (film, tapes, records, equipment, preview room use) have increased this year. This has occurred in a recessionary period when school and other institutional budgets have been restricted. Film service fees are set at 1.2% of the purchase costs and have risen with the increasing costs of films. Equipment rental prices have also risen as re-lamp costs and item prices have increased. However, we remain a service agency accessible to institutions and organizations within the province and have attempted to provide these services at reasonable costs.

University courses have again benefited from the free service to campus. An estimation of rental charges and shipping fees from outside commercial sources would have resulted in an expenditure of over $100,000 for the services provided.

PEOPLE

The year marked the retirement of Professor Ruth Pearce who for 14 years gave leadership to the Faculty English as a Second Language Program. She was replaced by Professor Rosalie Banko, an ESL specialist from Montreal.

Dr. Albert A. Einsiedel joined the Faculty in August, 1982, to head up the enlarged Local Government Administration Program. Ms. Mary Coward started working with the same program in November as Editorial Co-ordinator.

During the year, Ms. Lydia Semotuk and Mr. Thom Shaw completed short term

assignments for the Faculty, one working on the Executive Development Program for Women and the other on an Agriculture Electronic Show.

Ms. Pop Blunden became supervisor of the Plato Learning Centre early in the year under review.

Mr. Joe Miller resigned as Editor of the Legal Resource Centre after three years. The legal staff of the Centre increased to four with the appointment of Mr. Steve Struthers who came to Edmonton from Thunder Bay.

During the year Professor Edd LeSage started a study leave to work on a Ph.D. in Public Administration at Carleton University in Ottawa. Professor Lois Gander of the Legal Resource Centre and Sylvia Dubrule, Extension Librarian, both returned from study leave.

RESEARCH

All members of Faculty were engaged continually in applied research evaluating existing programs and investigating the needs of our publics for new offerings. Some specific research endeavours by various individuals are summarized below.

Duncan Campbell investigated The Change Process in the University by looking at examples of institutional change which have taken place, assessing attendant circumstances and processes which have marked it and the likely relevance of this to Canadian institutions. He also worked on a study of the University Continuing Education Function by carrying out a comparative examination of the mission, structure, organization and operational issues characterizing university continuing education in selected Commonwealth institutions and their relevance to their Canadian counterparts. This work is continuing.

Ron Kinney collected data over a two year period from student evaluations, questionnaires and an advisory committee study to determine the overall effectiveness of the Applied Land Use Planning Program.

Wayne Lamble undertook a study to identify the valued publics of the Faculty of Agriculture and Forestry and strategies for effectively communicating with them. A second project was a Delphi-type study to determine the future directions of the Faculty of Extension as perceived by members of Faculty Council. A third project was undertaken to survey the readership of the Agriculture and Forestry Bulletin.

Merril McDonald's Rural Development Training Project is designed to develop and distribute a community based study program to support local community and economic development.

William Preshing completed a study on student attitudes towards the Faculty of Extension. He also has in process an investigation into Consumer Attitudes Toward Canadian Oil Companies (with M. J. Dunn).

Hayden Roberts carried out and completed, under contract to Alberta Advanced Education, A Study of Alternative Adult Education in Alberta in 1981-82. The study

covered all the formal adult education institutions and 109 other organizations and groups in the province, including Indian cultural centres, church organizations, energy groups, women's groups, and holistic health groups.

Sandy Susut, Co-ordinator of the Women's Program, received a $7,500 research contract from the Federal Secretary of State Women's Program. The research was entitled *Community Action Research Project on Immigrant Women* and Dr. Zohra Husaini, Department of Sociology, directed the research and trained five immigrant women as interviewers.

Harry Wohlfarth was chief researcher in a $500,000 Alberta Education project to examine The Effects of a Colorpsychodynamically Designed Environment upon Mental Performance, Scholastic Performance and Physiological Reactions of Elementary Students. He also worked on three other projects: The Effect of Calibrated Colorstimuli upon E.E.G. Powerspectra (brainwave activity) carried out at the Electroencephalography Lab at Alberta Hospital, Oliver; The Effect of Colorpsychodynamic Environment Modification upon Cancer Patients in an Outpatient Clinical Setting, carried out at W.W. Cross Cancer Institute; and The Effect of Blue and Becker-Miller Pink on Violent and Agressive Mental Patients in Seclusion, carried out in collaboration with Dr. Flor-Henry at Alberta Hospital, Oliver.

Lois Gander did a public legal education research project, Towards a Typology of Public Legal Education. This research is expected to provide considerable assistance in describing and distinguishing public legal education activities and in organizing data for future research projects.

EXHIBIT A

FACULTY OF EXTENSION REGISTRATIONS

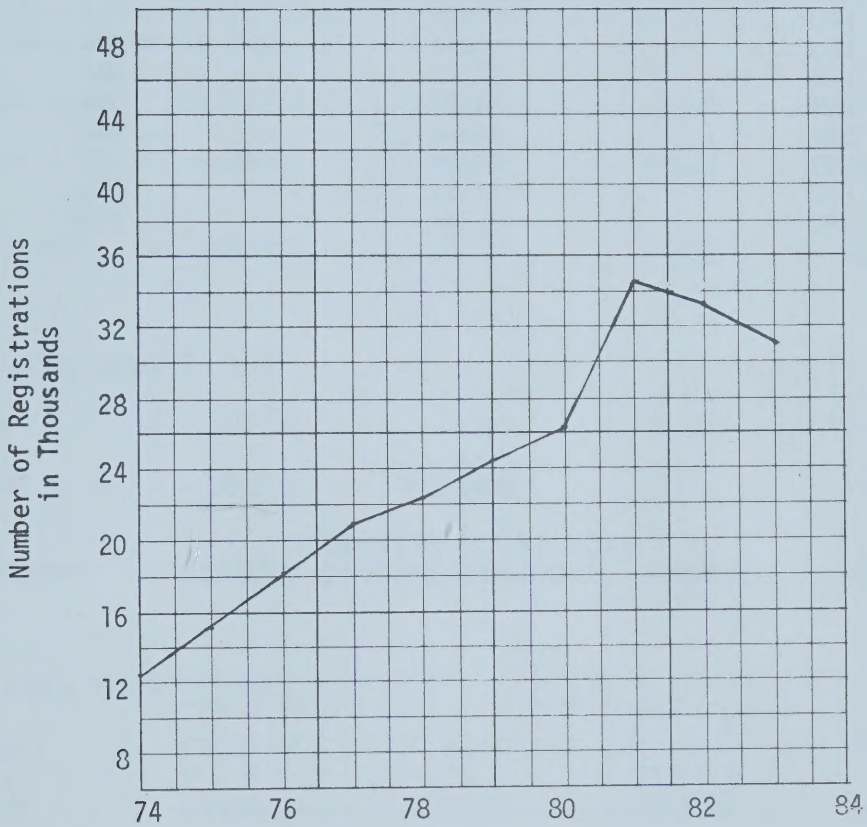


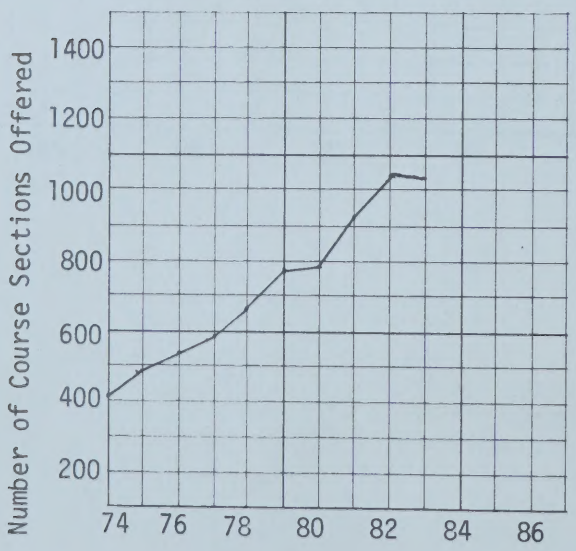
EXHIBIT B

FACULTY OF EXTENSION REGISTRATIONS
AND NUMBER OF COURSE SECTIONS OFFERED

Year Ending March 31	Registrations	Course Sections Offered
1974	12,377	413
1975	14,907	488
1976	18,209	533
1977	20,787	594
1978	22,687	665
1979	24,698	774
1980	26,560	788
1981	35,097	917
1982	33,464	1032
1983	31,144	1019

EXHIBIT C

FACULTY OF EXTENSION
NUMBER OF COURSE SECTIONS OFFERED



Overall financial information for the Faculty is summarized in Exhibit D.

EXHIBIT D

THE UNIVERSITY OF ALBERTA EXTENSION - REVENUE AND EXPENSES

	General[1]	Library	Educational Media	Total
Year ending March 31, 1983				
Revenue	3,514,700	52,200	97,600	3,664,500
Expenses	5,125,100	543,900	280,200	5,949,200
Net Expense[2]	1,610,400	491,700	182,600	2,284,700
Year ending March 31, 1982				
Revenue	3,228,500	53,800	101,600	3,383,900
Expenses	4,566,000	485,600	233,000	5,284,600
Net Expense[2]	1,337,500	431,800	131,400	1,900,700
Year ending March 31, 1981				
Revenue	2,785,300	49,900	101,100	2,936,300
Expenses	3,748,000	438,700	230,000	4,416,700
Net Expense[2]	962,700	388,800	128,900	1,480,400

[1]Extension General includes programing, teaching, consultation and research functions.

[2]Funded by The University of Alberta from its government grant.

PUBLICATIONS

Baker, M. & Uncles, W. "Everyday English for Everyday Living", Edmonton: Faculty of Extension.

Campbell, D. D. Book Review. "Not Well Advised". Peter Szanton. New York: Sage Foundation and the Ford Foundation, 1981, 173 pp. Published in *University Affairs*, (April, 1982).

Campbell, D. D. Book Review. "Innovation in Access to Higher Education", Robert M. Pike, Naomi E.S. McIntosh, Urban Dahllof. New York: International Council for Educational Development, 1978, 322 pp. Published in *The Canadian Journal of Higher Education*, Vol. XII, No. 1., 1982.

Campbell, D. D. Book Review. "Philosophical Foundations of Adult Education", John L. Elias and Sharan Merriam. New York: Robert E. Krieger Publishing Company, 1980, 212 pp. Published in *Canadian Journal of University Continuing Education*, Vol. VIII, No. 2 (Winter, 1982).

Campbell, D. D. Book Review. "The Education of Adults in Britain", Derek Legge, Milton Keynes. U.K.: University Press, 1982, 244 pp. Published in *Lifelong Learning: The Adult Years*, (October, 1982).

Campbell, D. D. Book Review. "Scholars and Dollars: Politics, Economics, and the Universities of Ontario 1945–1980", Paul Axelrod. Toronto: University of Toronto Press, 1982, 270 pp. Published in *University Affairs*, (February, 1983).

Kayler, G. "Descriptive Cataloguing and Classification". *CLIC 's Legal Materials Letter*, Vol 5, No. 4 (May, 1982).

Kayler, G. "Library Services of the Legal Resource Centre", *Newsletter of the John Howard Society of Red Deer*, (September, 1982).

Kayler, G. "The Public Defender Debate". *Newsletter of the Canadian Association of Law Libraries*, Vol. 7, No. 4 (September, 1982).

Kinney, R. W. "The Calgary Subdivision Design Competition". *AACIP News*. Edmonton: Alberta Association, Canadian Institute of Planners, Vol. 4, No. 1 (January, 1983), pp. 4–5.

Lamble, G. W. "Future Directions of The University of Alberta, Faculty of Extension: A Survey of Council Members". A Report for the Faculty of Extension General Program Policy and Review Committee, Edmonton: The University of Alberta, (June, 1982).

Lamble, G. W. "The University of Alberta, Faculty of Agriculture and Forestry Valued Publics". A Report for the Faculty of Agriculture and Forestry Extension Committee. Edmonton: The University of Alberta, (August, 1982).

Lamble, G. W. & Ford, A. J. "Nominal Group and Delphi Techniques for Extension Program Planning". *Extension Information Bulletin*, Canadian Society of Extension, (November, 1982).

McDonald, J. M., ed. "The Changing Society - The Changing School," a Transcript of Address and Discussion Reports - 36th Annual Extension Seminar for School Trustees, The University of Alberta, Faculty of Extension, (June, 1982).

Preshing, W. A. "A Futurist's View of What is to Come", in Transcript of Annual Meeting, Canadian Automobile Association, (June, 1982).

Preshing, W. A. Member, Editorial Committee, *The University of Alberta 1908-1983.* University of Alberta Press.

Riddle, M. J. *Understanding and Working With Older People, Section IX Legal Rights of Older Persons.* Edmonton: Alberta Social Services and Community Health, Senior Citizens Bureau, August, 1982.

Roberts, H. W. *Culture and Adult Education.* Edmonton: University of Alberta Press.

Roberts, H. W. "Philosophy and Practice". *Canadian Journal of University Adult Education,* Vol. IX, No. 1 (1982).

Roberts, H. W. Book Review. "Learning at the Backdoor: Reflection on Non-Traditional Learning in the Lifespan", C.A. Wedemeyer. University of Wisconsin Press. Published in *Canadian Journal of University Adult Education,* Vol. VIII, No. 2 (1982).

Shaw, J. A. "Media in Adult Education: From Aids to Technology". *Journal of the Alberta Association for Continuing Education.*

Smyth, R. J. "Faculty of Extension On-Line Registration and Information System". *CUMREC,* (May, 1982), pp. 94-106.

Wohlfarth, H. & Sam, C. "The Effects of Colorpsychodynamic Environment Modification upon Psycho-physiological and Behavioural Reactions of Severely Handicapped Children". *International Journal for Biosocial Research,* Vol. 3, No. 1, (1982)

ART EXHIBITIONS

Barry, Douglas D. *One Man Exhibition*, Graphica Art Gallery, November 13 - December 4, 1982.

Barry, Douglas D. *Group Exhibition*, Graphica Art Gallery, December, 1982 - January, 1983.

Savage, Harry. *One Man Show*, Downstairs Gallery, May, 1982.

Savage, Harry. *One Man Drawing Show*, Strathcona House, May, 1982.

Savage, Harry. *Group Show*, Downstairs Gallery, September, 1982.

Savage, Harry. *Group Show*, Leighton Centre Gallery, Calgary, November, 1982.

Savage, Harry. *Two Man Show*, Christopher Gallery, Calgary, January, 1983.

Savage, Harry. *Mural for Edmonton Public School Board*, completed June, 1982.

Schmidt, Alfred. *One Man Painting Exhibition*, Oxford Galleries, April 15 - May 1, 1982.

Schmidt, Alfred. *Group Exhibition*, "Miniatures", Latitude 53 Gallery, November, 1982.

Schmidt, Alfred. *Group Exhibition*, Oxford Galleries, November - December, 1982.

Wohlfarth, Harry. *Group Exhibition*, Stern Gallery, Villingen, Germany, June, 1982.

Wohlfarth, Harry. *Juried Group Exhibition*, "Miniatures" Latitude 53 Gallery, December 16, 1982.

Wohlfarth, Harry. *Juried Group Exhibition*, "The Artist and the Human Form", Latitude 53 Gallery, February 3–21, 1982.

Wohlfarth, Harry. *One Man Exhibition*, Kandler Gallery, Camrose, April - May, 1982.

Wohlfarth, Harry. *One Man Exhibition*, Oxford Galleries, March 18, 1983.

MEMBERS OF THE FACULTY

DEAN

C. M. Lockwood, M.B.A., P.Eng.

ASSOCIATE DEAN

R. R. Faryon, M.B.A., F.B.I.M.

PROFESSORS

D. D. Barry, A.O.C.A. (Fine Art)

D. D. Campbell, Ph.D. (Adult Education)

G. W. Lamble, Ph.D. (Agriculture)

W. A. Preshing, Ph.D. (Marketing)*

H. W. Roberts, Ph.D. (Liberal Studies)

H. G. Savage, Dip. in Art (Fine Art)

J. A. Shaw, M.Sc. (Educational Media)

W. H. Stewart, Ph.D. (Applied Behavioral Science)

D. J. Weideman, M.B.A. (Real Estate)

H. Wohlfarth, M.F.A., Dr.acad. (Fine Art)

ASSOCIATE PROFESSORS

A. A. Einsiedel, Ph.D. (Local Government Studies)

J. D. Forbes, Dip. in Art (Fine Art)

L. E. Gander, LL.B. (Legal Resource Centre)

R. W. Kinney, M.A. (Urban and Rural Planning)

E. C. LeSage, M.A. (Public Administration)

J. M. McDonald, M.S.W. (Community Resources Development)

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*Joint Appointment with Business

R. A. Pearce, M.A. (English as a Second Language)

A. R. Schmidt, Dip. in Art (Fine Art)

S. S. Sy, M.Sc., Ed.S. (Legal Resource Centre)

G. H. Wright, B.A. (Community Resources Development)

ASSISTANT PROFESSORS

M. Ferguson, LL.B. (Legal Resource Centre)

M. J. Riddle, LL.B. (Legal Resource Centre)

C. S. Struthers, LL.B. (Legal Resource Centre)

L. Thomas, M.A. (Legal Resource Centre)

LIBRARIANS

S. A. Dubrule, B.L.S. (Extension Library)

G. R. Kayler, M.L.S. (Legal Resource Centre)

D. J. Pahulje, M.L.S. (Legal Resource Centre)

SESSIONALS

W. A. Hiller, B.Sc. Professor (Construction Studies)**

L. E. Payne, B.L.S. Assistant Librarian (Extension Library)

L. Semotuk, M.A. Consultant (Management Studies for Women)

S. L. Susut, M.A. Assistant Professor (Women's Program)

ADMINISTRATIVE OFFICER

R. J. Smyth, B.A.

**Joint Appointment with Engineering

ADMINISTRATIVE SUPPORT STAFF

EXTENSION ASSISTANTS

P. Blunden

M. P. Fleger, B.A.

L. K. Fraser

V. C. Hotvedt, B.Ed.

P. L. Larlham

D. F. Mallon, Certificate in Personnel Administration

J. H. Miller, B.A.

M. Pasemko, B.A.

M. E. Pastyr, B.A.

A. A. Prideaux, M.A.

C. V. Smyth

D. Steiner

ADMINISTRATIVE ASSISTANTS

B. Lizotte, B.A.

W. MacNeil, B.A.

J. B. Mitsui, Mus.Bac.

C. Osterman, Citation in Supervisory Development

D. Thompson, B.A.

APPLICATIONS ANALYST

D. A. Rachey, M.A.

ADDITIONAL MEMBERS OF FACULTY COUNCIL

PRESIDENT

M. Horowitz, Ed.D.

UNIVERSITY LIBRARIAN

P. L. Freeman, LL.B., M.L.L.S.

DIRECTOR OF RADIO AND TELEVISION

W. H. Jopling, B.Sc.

DIRECTOR OF COMPUTING SERVICES

D. H. Bent, Ph.D.

GENERAL FACULTIES COUNCIL MEMBERS

W. S. Adams, M.Sc. (Computing Science)

D. Goodale, Ph.D. (Business)

D. H. Haynes, Dip. in Art (Art and Design)

E. P. Mendes, LL.B., LL.M. (Law)

A. D. Ostapovitch, M.A. (Home Economics)

T. A. Petersen, Ph.D. (Rural Economy)

S. L. Richardson, M.Ed. (Nursing)

J. M. Small, Ph.D. (Educational Administration)

S. Thomson, Ph.D. (Civil Engineering)

S. E. Wright, M.L.S. (Library Science)

SENATE MEMBERS

Mrs. T. Haberman, Grande Prairie

Mr. P. Hunt, Fort McMurray

Mr. R. Killeen, Edmonton

Mrs. M. Pasula, Drayton Valley

Mr. B. Strain, Stettler

OTHER MEMBERS

R. S. Jamieson (The Boreal Institute for Northern Studies)

D. S. Gill, Ph.D. (Agriculture and Forestry)

H. Verdin, Edmonton

ADVISORY COMMITTEES

AGRICULTURE

Andrew, W.T., Professor, Plant Science, The University of Alberta

Bowland, J.P., Dean, Agriculture and Forestry, The University of Alberta

Craig, D.A.C., Professor, Entomology, The University of Alberta

Gill, D.S., Professor, Rural Economy, The University of Alberta

Hadziyev, D., Professor, Food Science, The University of Alberta

Kennelly, J., Assistant Professor, Animal Science, The University of Alberta

Lamble, G.W., Professor, Extension, The University of Alberta

Micko, M.M., Professor, Agricultural Engineering, The University of Alberta

Petersen, T.A., Professor, Rural Economy, The University of Alberta

Pluth, D.J., Associate Professor, Soil Science, The University of Alberta

Pratley, H., Administrative Officer, Forest Science, The University of Alberta

Smyth, C.V., Program Assistant, Extension, The University of Alberta

AGRICULTURAL HOME STUDY PROGRAM

Chomiak, B., Home Study Coordinator, Communications Division, Alberta Agriculture

Church, T., Head, Preventative Medicine Branch, Animal Health Division, Alberta Agriculture

Forrest, R., Director, Engineering, Rural Service Division Alberta Agriculture

Lamble, G.W., Professor, Extension, The University of Alberta

Smyth, C.V., Program Assistant, Extension, The University of Alberta

APPLIED LAND USE PLANNING TECHNIQUES

Badun, R., Developments Manager, Carma Developments Ltd.

Bakker, J., Professor, Civil Engineering, The University of Alberta

Barrow, M., Director, General Services, Planning Department, City of Edmonton

Driver, K., President, Keith Driver and Associates Ltd.

Giffen, N., Executive Director, Edmonton Metropolitan Regional Planning Commission

Jamieson, W., Assistant Professor, Urbanism, University of Calgary

Kinney, R.W., Director, Urban and Rural Planning Studies, Extension, The University of Alberta

Lockwood, C.M., Dean, Extension, The University of Alberta

MacKenzie, K.C., Principal, MacKenzie-Spencer Associates

Peddigrew, B., Manager, Current Planning, Alberta Municipal Affairs

Smith, P.J., Professor, Geography, The University of Alberta

Vanderford, L., Coordinate Surveys Ltd.

COMPUTERS AND BUSINESS DATA PROCESSING CERTIFICATE PROGRAM

Bent, D.H., Director, Computing Services, The University of Alberta

Cherry, M., Systems Analyst, Alberta Government Services, Information Services Division

Faryon, R.R., Associate Dean, Extension, The University of Alberta

Jackson, L.W., Assistant Professor, Computing Science, The University of Alberta

Johnston, P., Senior Analyst, PLATO Instructional Systems, The University of Alberta

Lockwood, C.M., Dean, Extension, The University of Alberta

Pessis, G., Associate Professor, Business, The University of Alberta

Wilcox, E.J., Manager, Payroll Administration, Office of the Controller, Government of Alberta

CONTINUING ENGLISH

Demers, P., Associate Professor, English, The University of Alberta

Dillon, D., Assistant Professor, Elementary Education, The University of Alberta

Forrest, J., Professor, English, The University of Alberta

Iveson, M., Alberta Teachers Association, Edmonton Public School Board

Jenkinson, M., Professor, Elementary Education, The University of Alberta

Martin, R.G., Professor, Secondary Education, The University of Alberta

Oster, J., Professor, Secondary Education, The University of Alberta

Shaw, J., Professor, Extension, The University of Alberta

Stott, J., Professor, English, The University of Alberta

EXECUTIVE DEVELOPMENT PROGRAM FOR WOMEN

Brodie, E.J., Manager, Personal Deposits and Services, Bank of Montreal

Cranstoun, W.G., Branch Manager, IBM Canada Ltd.

Faryon, R.R., Associate Dean, Extension, The University of Alberta

Farkas, K.L., Assistant Professor, Business, The University of Alberta

Luyendyk, W., General Manager, Personnel Department, City of Edmonton

Ondracek, E.S., Vice President, Administration and Corporate Secretary, Chieftain Development Co. Ltd.

Pearson, E.W., District Personnel Manager, Air Canada

Petracca, C., Vice President, Corporate Development, The Principal Group Ltd.

Semotuk, L., Co-ordinator, Management Studies for Women, Extension The University of Alberta

HOME ECONOMICS

Badir, D.R., Dean, Home Economics, The University of Alberta

Dearing, M.A., *AHEA Continuing Education

Dolan, L., **ARDA Continuing Education

Gee, M., Associate Professor, Home Economics, The University of Alberta

Hause, E., ***ATA Home Economics Council

Kernaleguen, A., Professor, Home Economics, The University of Alberta

Lamble, G.W., Professor, Extension, The University of Alberta

Laverty, K., Assistant Professor, Home Economics, The University of Alberta

McGinley, C.C., Assistant Professor, Continuing Education, University of Calgary

Myers, S., Head, Home Economics Branch, Development Sector, Alberta Agriculture

Smyth, C.V., Program Assistant, Extension, The University of Alberta

*Alberta Home Economics Association
**Alberta Registered Dietitians Association
***Alberta Teachers Association

HORTICULTURE

Andrew, W.T., Professor, Plant Science, The University of Alberta

Kroon, R., Greenhouse Supervisor, Botany, The University of Alberta

Lamble, G.W., Professor, Extension, The University of Alberta

Seymour, P.N.D., Director, Botanical Gardens, The University of Alberta

Smyth, C.V., Program Assistant, Extension, The University of Alberta

Steiner, M., Entomologist, Alberta Environment Centre

Toop, E.W., Professor, Plant Science, The University of Alberta

Welling, H., Greenhouse Supervisor, Plant Science, The University of Alberta

LOCAL GOVERNMENT

Bancroft, D., Coordinator, Administrative Studies, Athabasca University

Buchanan, T., Executive Director, Alberta Urban Municipalities Association

Clark, D., County Manager, County of Lethbridge

Clarke, N., Director, College Program Services, Alberta Advanced Education and Manpower

Coward, M., Editorial Coordinator, Studies in Local Government, The University of Alberta

Dunford, C., Executive Director, Local Government Administrators Association

Edworthy, J., Executive Director, Alberta Association of Municipal Districts and Counties

Einsiedel, A.A., Director, Studies in Local Government, The University of Alberta

Fleger, M., Administrative Assistant, Studies in Local Government, The University of Alberta

Fleming, J., Director, Municipal Services Branch, Alberta Municipal Affairs

Koberstein, E.E., Secretary-Treasurer, County of Lacombe

Lesage, E., Associate Professor, Extension, The University of Alberta

Lockwood, C.M., Dean, Extension, The University of Alberta

Maddison, J.E., Town Manager, Town of Taber

Masson, J., Associate Professor, Political Science, The University of Alberta

Meyer, U., Member at Large, Local Government Administrators Association

Muza, J., Secretary, Board of Education, County of Ponoka, Alberta School Business Officials Association

Stonehouse, R.J., Municipal Secretary, County of Red Deer

Walt, B., Town Manager, Town of High Prairie

MANAGEMENT DEVELOPMENT CERTIFICATE PROGRAM

Faryon, R.R., Associate Dean, Extension, The University of Alberta

Hannah, C.N., President, Hannah Real Estate

Harnden, B., Professor, Business, The University of Alberta

Lee, C.A., Chairman, Business, The University of Alberta

Lefaivre, W.P., Business Consultant

Lockwood, C.M., Dean, Extension, The University of Alberta

Munro, D.H., Executive Assistant, Credit Union Federation of Alberta

Raymond, N., Manager, Montreal Trust Company

Semotuk, L., Lydia Semotuk Enterprises

Shaffer, E.H., Associate Professor, Economics, The University of Alberta

MUNICIPAL ASSESSMENT

Basler, G.C., Director, Assessment Training, Alberta Municipal Affairs

Cox, D., Assessment Department, County of Camrose

Dawson, J., Assessment Department, City of Lethbridge

Einsiedel, A.A., Director, Studies in Local Government, The University of Alberta

Engley, P., Assessment Department, City of Edmonton

Holm, E., Assessment Department, City of Calgary

Huras, M., Assessment Operations, Alberta Municipal Affairs, Medicine Hat

Hurt, B., Assessment Operations, Alberta Municipal Affairs, Lethbridge

Kozack, R., Assessment Inspection and Advisory Services Branch, Alberta Municipal Affairs

Lockwood, C.M., Dean, Extension, The University of Alberta

Salyzyn, V., Economics, The University of Alberta

NATIONAL CONFERENCE ON EARTH SCIENCE

Cecile, M., Institute of Sedimentary and Petroleum Geology, Calgary

Century, J., Independent Consultant, Calgary

Dolphin, D., Norcen Energy Resources Ltd., Calgary

Gordy, P., Shell Canada Resources Ltd., Calgary

Gretener, P., Professor, Geology, The University of Calgary

Harrison, R., Alberta Geological Survey

Knox, K., Gulf Canada Resources Ltd., Calgary

Lockwood, C.M., Dean, Extension, The University of Alberta

McMechan, M., Geological Survey of Canada, Calgary

McMillan, N.J., Canterra Energy Ltd., Calgary

Stoakes, F., Esso Resources Canada Ltd., Calgary

Trollope, F., Mobil Oil Canada Ltd., Calgary

OCCUPATIONAL SAFETY CERTIFICATE PROGRAM

Buchwald, H., Chief Executive Officer, Alberta Workers' Health, Safety and Compensation

Faryon, R.R., Associate Dean, Extension, The University of Alberta

Herbert, A.D., Senior Education Officer, Alberta Workers' Health, Safety and Compensation

Holden, J.D., Alberta District Manager, Labour Canada

Kalf, J.S., Safety Coordinator, Esso Chemical Canada

Kumar, S., Professor, Physical Therapy, The University of Alberta

Lockwood, C.M., Dean, Extension, The University of Alberta

Luders, E.E., Safety and Training Supervisor, Alberta Power Ltd.

Thompson, W., Safety Director, Genstar Corporation

Zorniak, R., Steel Workers of America

PERSONNEL ADMINISTRATION CERTIFICATE PROGRAM

Burnside, D., Personnel Administrator, Alberta Solicitor General

Faryon, R.R., Associate Dean, Extension, The University of Alberta

Fee, J.L., General Supervisor, Industrial Relations, Canadian Utilities Ltd.

Hameed, S.M.A., Professor, Industrial and Legal Relations, The University of Alberta

Jossa, J.A., Director, Organization Development, Government of Alberta

Lockwood, C.M., Dean, Extension, The University of Alberta

Murray, N.A., Staff Development Officer, Personnel Administration Office, Government of Alberta

PUBLIC ADMINISTRATION

Dacks, G., Associate Professor, Political Science, The University of Alberta

Jossa, J., Director, Organization Development, Government of Alberta

Kyle, K., Executive Assistant to the Mayor, City of Edmonton

Learoyd, D.R., Director, Personnel Management, Alberta Transportation, (Executive Interchange, Government of Canada)

LeBlanc, R., Deputy Solicitor General, Government of Alberta

Lockwood, C.M., Dean, Extension, The University of Alberta

Luyendyk, W.R., General Personnel Manager, City of Edmonton

Preshing, W.A., Professor, Extension, The University of Alberta

Tupper, A., Associate Professor, Political Science, The University of Alberta

Warrack, A.A., Associate Dean and Director, Master of Public Management Program, The University of Alberta

REAL ESTATE

Carr, C.W., Director, Alberta Real Estate Association

Cunningham, C.W., President, Alberta Real Estate Association

Janssen, C., Professor, Business, The University of Alberta

Jones, J.A., Executive Vice-President, Edmonton Real Estate Board

Larson, A.T., Executive Vice-President, Alberta Real Estate Association

Lockwood, C.M., Dean, Extension, The University of Alberta

McKay, D., Education Chairman, Alberta Real Estate Association

Noland, R.A., Superintendent of Real Estate, Alberta Department of Consumer and Corporate Affairs

Smith, R., Provincial Course Coordinator, Real Estate Institute of Canada, Calgary

Taylor, W.H., Programme Director, Continuing Education, The University of Calgary

Weideman, D.J., Professor, Extension, The University of Alberta

SCHOOL BUSINESS OFFICIALS

Coward, M., Editorial Coordinator, Studies in Local Government, The University of Alberta

Cline, G., Alberta School Trustees Association

Einsiedel, A.A., Director, Studies in Local Government, The University of Alberta

Fleger, M., Administrative Assistant, Studies in Local Government, The University of Alberta

Gannon, N., Associate Director, Field Services Branch, Alberta Education

Kinderwater, A.M., Secretary-Treasurer, Grande Prairie Roman Catholic Separate School District #28

Lockwood, C.M., Dean, Extension, The University of Alberta

Muza, J., Assistant Secretary-Treasurer, County of Ponoka #3

Sanders, J.H., Executive Director, Association of School Business Officials of Alberta

Seger, J.E., Educational Administration, The University of Alberta

Van Tamelen, D., Peace River School Division #10

SUPERVISORY DEVELOPMENT PROGRAM

Caunt, J.B., Director, Personnel Services and Staff Relations, The University of Alberta

Faryon, R.R., Associate Dean, Extension, The University of Alberta

Fowler, C., Human Resources Planning Officer, Transport Canada

Juniper, S.A., Manager, Management Personnel Planning, Government of Alberta

Lockwood, C.M., Dean, Extension, The University of Alberta

MacInnis, T.W., Cable Repair Supervisor, General Operations, Alberta Government Telephones

Morrill, J.W., General Manager, Angus Aviation Ltd.

SPRING SESSION FOR SENIORS

Bako, E.

Bishop, S.

Brunner, P.

Carswell, L.

Clarke, S.C.T.

Cree, W.

Farmer, H.

Fraser, L.

McLeod, D.

Merner, M.

Roberts, H.

Ryan, A.A.

Sykes, B.

Wadsworth, M.

TABLE I

COURSES, CLASSES AND CONFERENCES

APRIL 1, 1982 TO MARCH 31, 1983

AGRICULTURE	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Alberta Animal Health (Home Study)	24	1,260	Alberta Agriculture
Alberta Farm Buildings (Home Study)	24	261	Alberta Agriculture
Alberta Feed Industry Conference	9	74	Canadian Feed Industry Association - Alberta Division
Alberta Pork Seminar	20	103	Alberta Pork Producers Marketing Board
Beginning Gardening and Landscaping	24	42	Department of Plant Science, The University of Alberta
Control of Home and Garden Insect Pests	5	21	Alberta Environment
Greenhouse Design, Construction, and Management I	24	27	Department of Botany, The University of Alberta
Greenhouse Design, Construction, and Management II	24	19	Department of Botany, The University of Alberta
Indoor Landscaping	6	9	Department of Plant Science, The University of Alberta
Introduction to Hydroponics	18	21	Department of Botany, The University of Alberta
Plants for Alberta	8	21	Department of Plant Science, The University of Alberta
BUSINESS/PROFESSIONAL			
ADULT EDUCATION AS A FIELD OF STUDY AND PRACTICE			
Adult Learning Theory	12	18	
An Introduction to Slide Tape Production	18	15	
Concepts and Practices of Evaluation in Education for Adults	12	14	
Decision Making in Adult Education	12	13	
Developing Your Career in Continuing Education	12	16	
How to Plan and Administer Successful Budgets for Non-Credit Continuing Education Programs	12	13	

BUSINESS/PROFESSIONAL, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
How to Write Effective Brochure Copy for Continuing Education Programs	12	15	
Improving Adult Instruction Using Videotape Feedback	6	8	
Instructional Techniques in Adult Education	18	19	
Leading Adult Group Learning Experiences	12	36	
Managing Communications: Strategies for Adult Educators	12	14	
Marketing the Adult Education Program	12	32	
Modern Concepts of Adult Learners	12	30	
Needs Assessment in Adult Education: Concepts and Methods	12	30	
The Professional Adult Education Movement and Its Alternatives	3	49	
Using Audiovisual Media in Adult Education: The Informed Approach	15	15	
CERTIFICATE PROGRAMS			
APPLIED LAND USE PLANNING TECHNIQUES			
Comprehensive Planning	20	17	
Environmental Planning	13	13	
Field Methods	13	8	
Land Use and Public Control	13	22	
Planning Law			
Section 1	20	42	
Section 2	20	45	
Residential Subdivision Layout	20	22	
The Art of Presentation	7	27	
Urban Design	15	20	

CERTIFICATE PROGRAMS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
CERTIFIED GENERAL ACCOUNTING			Certified General Accountants of Alberta
Accounting			
Section 1	20	82	
Section 2	20	50	
Accounting - Intermediate I	20	81	
Accounting - Intermediate II	20	49	
Accounting Theory IV	20	104	
Accounting Theory V	20	36	
Advanced Auditing	20	18	
Auditing	20	70	
Cost Accounting	20	51	
Economics	20	101	
Financial Controllership	20	84	
Information and Computer Systems	20	60	
Law	20	147	
Management Policy	20	21	
Managerial Auditing	20	21	
Statistics - Managerial	20	77	
Taxation - Advanced	20	18	
Taxation - Income Tax	20	110	
COMPUTERS AND BUSINESS DATA PROCESSING			Computing Science and Computing Services, The University of Alberta
Advanced COBOL	39	24	
Advanced COBOL and Applications			
Section 1	39	24	
Section 2	39	26	
Section 3	39	13	
Applications of Computers in Business			
Section 1	39	27	
Section 2	39	19	
Section 3	39	15	

CERTIFICATE PROGRAMS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
COBOL Programming			
Section 1	39	30	
Section 2	39	29	
Section 3	39	26	
Section 4	39	27	
Section 5	39	25	
Computer Components and Architecture			
Section 1	39	40	
Section 2	39	47	
Section 3	39	34	
Section 4	39	36	
Computers in Business			
Section 1	39	34	
Section 2	39	42	
Introduction to Computers and Computer Programming			
Section 1	39	69	
Section 2	39	62	
Section 3	39	34	
Section 4	39	48	
Section 5	39	45	
Section 6	39	45	
Section 7	39	44	
Section 8	39	45	
Section 9	39	49	
Section 10	39	44	
System Analysis and Design	39	12	
The Computing System			
Section 1	39	41	
Section 2	39	35	
Section 3	39	32	
Section 4	39	37	
LOCAL GOVERNMENT STUDIES			
*Communications - Part I	39	73	
*Communications - Part II	39	75	
Introduction to Accounting Fundamentals	39	48	
*Introduction to Local Government	39	48	

*The courses listed under Local Government Studies are also applicable to Municipal Assessment; therefore, the student registrations in each course may include representatives from the Municipal Assessment program.

CERTIFICATE PROGRAMS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Local Government Accounting I	39	50	
*Local Government Finance	39	80	
Municipal Law	39	50	
44th Annual Refresher Course in Municipal Administration	23	238	Local Government Administrators Association, Alberta Rural Municipal Administrators Association, Alberta Municipal Affairs
MANAGEMENT DEVELOPMENT**			Faculty of Business, The University of Alberta
Business Communications			**The courses listed under Management Development are also applicable to the Canadian Credit Union Institute, Institute of Canadian Bankers', Occupational Safety, Personnel Administration, Public Administration, Real Estate, and Trust Company Institute Programs. Therefore, the student registrations in each course may include representatives from any of the eight noted programs.
Section 1	39	47	
Section 2	39	43	
Section 3	39	43	
Section 4	39	42	
Section 5	39	43	
Section 6	39	42	
Section 7	39	36	
Section 8	39	25	
Business Finance	39	32	
Business Policy	39	22	
Commercial Law			
Section 1	39	7	Yukon Vocational Technical Training Centre
Section 2	39	38	
Introduction to Administrative Practices and Decision-Making			
Section 1	39	43	
Section 2	39	45	
Section 3	39	43	
Section 4	39	44	
Section 5	39	45	
Section 6	39	42	
Section 7	39	40	
Section 8	39	40	
Section 9	39	38	
Section 10	39	39	
Section 11	39	44	
Section 12	39	41	Faculty of Business, The University of Alberta, and the Association of Professional Engineers, Geologists and Geophysicists of Alberta

CERTIFICATE PROGRAMS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Introduction to Administrative Practices and Decision-Making (continued)			
Section 13	39	44	
Section 14	39	44	
Section 15	39	43	
Section 16	39	44	
Section 17	39	40	
Section 18	39	43	
Introductory Financial Accounting			
Section 1	39	43	
Section 2	39	44	
Section 3	39	20	Faculty of Business, The University of Alberta, and the Government of the Northwest Territories
Section 4	39	14	Faculty of Business, The University of Alberta, and the Government of the Northwest Territories
Section 5	39	40	
Section 6	39	39	
Section 7	39	44	
Section 8	39	45	
Section 9	39	39	Faculty of Business, The University of Alberta, and the Association of Professional Engineers, Geologists and Geophysicists of Alberta
Section 10	39	41	
Law and the Practice of Banking	60	47	Institute of Canadian Bankers and the Faculty of Law, The University of Alberta
Macroeconomics			
Section 1	39	45	
Section 2	39	19	
Section 3	39	34	
Section 4	39	47	
Section 5	39	39	
Management Accounting			
Section 1	39	32	
Section 2	39	36	
Section 3	39	37	
Section 4	39	41	
Section 5	39	8	Government of the Northwest Territories
Marketing			
Section 1	39	42	
Section 2	39	44	
Section 3	39	45	
Microeconomics			
Section 1	39	39	
Section 2	39	36	
Section 3	39	46	
Section 4	39	27	
Section 5	39	43	

CERTIFICATE PROGRAMS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Organizational Behavior			
Section 1	39	43	
Section 2	39	25	
Section 3	39	45	
Section 4	39	43	
Section 5	39	43	
Section 6	39	39	
Personnel Administration			
Section 1	39	43	
Section 2	39	25	
Section 3	39	42	
Section 4	39	45	
Principles of Buying			
Section 1	39	18	Purchasing Management Association of Canada
Section 2	39	27	Purchasing Management Association of Canada
Section 3	39	27	Purchasing Management Association of Canada
Principles of Production and Inventory Management	39	28	Purchasing Management Association of Canada
Principles of Transportation	39	30	
Taxation	39	17	
MUNICIPAL ASSESSMENT			
Assessment Appraisal	39	46	
Building Construction (Home Study)	39	47	
Land Economics	39	24	
PERSONNEL ADMINISTRATION			
Administration of Collective Agreements			
Section 1	39	35	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Section 2	39	24	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Introduction to Employee Benefits			
Section 1	39	31	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Section 2	39	26	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton

CERTIFICATE PROGRAMS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Labour Relations			
Section 1	39	39	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Section 2	39	27	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Manpower Planning	39	28	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Salary and Wage Administration			
Section 1	39	37	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Section 2	39	19	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Techniques of Interviewing			
Section 1	39	23	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Section 2	39	27	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Section 3	39	23	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Section 4	39	17	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Training and Development of the Work Force			
Section 1	39	45	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Section 2	39	31	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
Section 4	39	35	Faculty of Business, The University of Alberta, and the Personnel Association of Edmonton
PUBLIC ADMINISTRATION			
Access to Government Information	18	9	
Administrative Law	30	28	
Canadian Public Finance	39	26	
Elements of Public Administration	39	32	
Managing Complex Organizations	18	23	
Managing the Unmanageable	16	83	
Negotiating: A Necessity in Everyday Administration			Institute of Public Administration of Canada
Section 1	7	45	Institute of Public Administration of Canada
Section 2	7	33	Institute of Public Administration of Canada

CERTIFICATE PROGRAMS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Public Policy			
Section 1	39	32	
Section 2	39	10	
Public Policy Analysis	26	12	
The Constitution: Implications for Public Managers	6	32	Edmonton Chapter, Institute of Public Administration of Canada
REAL ESTATE			
Advanced Real Estate Law	30	23	
Appraisal of Real Property			
Section 1	30	23	
Section 2	30	22	
Building Construction	30	24	
Contract Law for Real Estate Personnel	30	26	
Investment Analysis - The Mathematics of Yield Management, Property Valuation and Ranking of Investment Alternatives	6	17	
Joint Venture, Equity Capital and Alternative Techniques of Financing Development Projects	7	39	
Land Economics	30	28	
Property Management	30	40	
Real Estate and Mortgage Finance	30	24	
Real Estate Law	30	14	
Setting Up and Running Your Own Real Estate Operation	13	27	
The Design, Function and Maintenance of Building Systems	36	18	Building Owners and Managers Alberta, Edmonton Chapter, and Building Owners and Managers International
REGISTERED INDUSTRIAL ACCOUNTING			The Society of Management Accountants of Alberta
Advanced Financial Accounting			
Section 1	20	11	
Section 2	20	37	
Section 3	20	29	

CERTIFICATE PROGRAMS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Advanced Management Accounting			
Section 1	20	25	
Section 2	20	28	
Section 3	20	22	
Commercial Law			
Section 1	20	22	
Section 2	20	25	
Section 3	20	19	
Section 4	20	19	
Section 5	20	28	
Section 6	20	24	
Section 7	20	25	
Section 8	20	23	
Communications & Case Analysis			
Section 1	20	23	
Section 2	20	20	
Section 3	20	22	
Section 4	20	24	
Cost & Management Accounting			
Section 1	40	22	
Section 2	40	12	
Section 3	40	23	
Section 4	40	19	
Data Processing			
Section 1	20	20	
Section 2	20	12	
Section 3	20	20	
Economics			
Section 1	20	24	
Section 2	20	11	
Section 3	20	27	
Financial Management			
Section 1	20	19	
Section 2	20	22	
Section 3	20	25	
Section 4	20	22	
Information Systems			
Section 1	20	25	
Section 2	20	27	
Section 3	20	32	
Section 4	20	29	
Section 5	20	36	

CERTIFICATE PROGRAMS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Intermediate Accounting I			
Section 1	20	30	
Section 2	20	30	
Section 3	20	29	
Section 4	20	28	
Section 5	20	25	
Section 6	20	26	
Intermediate Accounting II			
Section 1	20	16	
Section 2	20	20	
Section 3	20	26	
Section 4	20	22	
Internal Auditing			
Section 1	20	21	
Section 2	20	14	
Section 3	20	22	
Section 4	20	40	
Section 5	20	20	
Section 6	20	16	
Introductory Accounting			
Section 1	20	26	
Section 2	20	25	
Section 3	20	34	
Section 4	20	20	
Section 5	20	24	
Section 6	20	26	
Section 7	20	23	
Management Processes & Problems			
Section 1	40	19	
Section 2	40	16	
Section 3	40	21	
Section 4	40	12	
Organizational Behavior			
Section 1	20	32	
Section 2	20	26	
Section 3	20	25	
Section 4	20	24	
Section 5	20	19	
Section 6	20	25	
Section 7	20	23	
Section 8	20	28	

CERTIFICATE PROGRAMS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Quantitative Methods I			
Section 1	20	36	
Section 2	20	25	
Quantative Methods II			
Section 1	20	31	
Section 2	20	18	
Taxation			
Section 1	20	22	
Section 2	20	25	
Section 3	20	22	
Section 4	20	21	
SAFETY			
Accident Control I	39	28	
Accident Control II	39	15	
Audio-Visual Training Aids	12	27	
Labour Relations	6	20	
Mines Inspection Symposium - An International Perspective	6	31	
Occupational Ergonomics: Control of Injuries in Manual Lifting	3	23	
Occupational Hygiene I	39	28	
Occupational Hygiene II	39	18	
SOCIETY OF REAL ESTATE APPRAISERS			
Proper Land Titles Search Procedures	5	46	Society of Real Estate Appraisers, Edmonton Chapter, Chapter 208
SUPERVISORY CITATION PROGRAM			
Communications - Personal & Group			
Section 1	16	15	
Section 2	16	12	
Section 3	16	13	
Section 4	16	13	
Section 5	16	28	
Section 6	16	16	
Section 7	16	13	Government of the Northwest Territories
Section 8	16	26	Cross Cancer Institute

CERTIFICATE PROGRAMS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Human Relations for Supervisors			
Section 1	16	14	
Section 2	16	17	
Section 3	16	8	
Section 4	16	17	
Section 5	16	20	
Section 6	16	14	
Section 7	16	12	Government of the Northwest Territories
Instruction Skills for Supervisors			
Section 1	16	15	
Section 2	16	20	
Section 3	16	9	
Section 4	16	12	
Section 5	16	15	
Section 6	16	11	
Section 7	16	14	Government of the Northwest Territories
Interviewing Techniques for Supervisors			
Section 1	16	14	
Section 2	16	12	
Section 3	16	15	
Section 4	16	14	
Section 5	16	8	
Section 6	16	19	
Section 7	16	13	Government of the Northwest Territories
Labour Relations & the Supervisor			
Section 1	16	30	
Section 2	16	11	
Section 3	16	18	
Section 4	16	21	
Section 5	16	13	Government of the Northwest Territories
Principles of Supervision			
Section 1	16	30	
Section 2	16	31	
Section 3	16	32	
Section 4	16	31	
Section 5	16	30	
Section 6	16	32	
Section 7	16	10	Government of the Northwest Territories
Section 8	16	30	Cross Cancer Institute
Summation Seminar			
Section 1	12	38	
Section 2	12	46	
Section 3	12	13	Government of the Northwest Territories

CONTINUING EDUCATION FOR THE HELPING PROFESSIONS	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Assertion and Interpersonal Skills Training for Professionals - Level 1			
Section 1	15	32	
Section 2	15	31	
Assessing Program Effectiveness	12	20	
Assessment Skills with Families: What Are We Really Looking For?	20	20	
Behavioral Medicine Approaches to Health	16	11	
Burn-Out and Self Care	7	13	
Client Problems: Their Identification and Resolution	14	25	
Consultation Skills for Helpers	12	11	City of Edmonton Local Board of Health, Mental Health Division
Creative and Non-Verbal Techniques in Family Therapy	16	29	
Dealing with Resistance in Families with Rigid Structures	13	21	Faculty of Social Welfare, The University of Calgary, Edmonton Program
Effective Counselling	18	22	City of Edmonton Local Board of Health, Mental Health Division
Effective Helping	12	6	City of Edmonton Local Board of Health, Mental Health Division
Families: Decisions? Decisions? Decisions?	20	23	
Helpful Techniques in Family Crises	20	15	
Hypnosis and Metaphor	15	20	City of Edmonton Local Board of Health, Mental Health Division
Introduction to Family Therapy	16	22	
Introduction to Structural Family Therapy	13	15	Faculty of Social Welfare, The University of Calgary, Edmonton Program
Methods for Therapeutic Magic I (Introduction)	18	20	City of Edmonton Local Board of Health, Mental Health Division
Methods for Therapeutic Magic II (Advanced)	12	16	City of Edmonton Local Board of Health, Mental Health Division
Ourselves as a Facilitative Tool	20	16	
Personal Counselling	18	16	

CONTINUING EDUCATION FOR THE HELPING PROFESSIONS, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Personal Counselling Methods	21	29	City of Edmonton Local Board of Health, Mental Health Division
Problem Solving Excellence			
Section 1	12	19	City of Edmonton Local Board of Health, Mental Health Division
Section 2	16	20	City of Edmonton Local Board of Health, Mental Health Division
Self Care: The Best Approach to Child Health	6	75	Health Directorate, Health and Welfare Canada
Stress Management for Professionals	13	9	
Techniques in Corrections: Case Supervision in the Community	15	14	
The Problem Client: Identification and Resolution of His/Her Problems	14	20	
ENGINEERING			
Applied Hydraulic Circuits	12	17	
Basics of Hydraulics	12	19	
Cadastral Studies	18	32	
Capacity of Traffic Signals	35	16	
Computerized Maintenance Management	12	15	
Construction Claims	13	46	
Construction Planning and Scheduling			
Section 1	13	27	
Section 2	12	20	
Continuous Surface Coal Mining Systems	13	11	
Contract Law for Engineers			
Section 1	12	29	
Section 2	12	21	
Section 3	12	22	
Section 4	12	23	
Section 5	12	20	
Design and Construction of Tunnels and Shafts	40	30	
Design of Modern Pressure Vessels	12	22	
Economic Analysis for Better Decision Making	18	10	

ENGINEERING, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Field Testing of Aggregates and Ashpalt Pavements	6	11	
Fundamentals of Project Management	36	37	Project Management Institute, Edmonton Chapter
Gas Plant Processes	39	40	
Geotechnical Engineering in the Planning Process	7	16	
Inventory Management	12	6	
Lighting Seminar	9	24	
Maintenance Management			
Section 1	24	16	
Section 2	12	19	
Practical Construction Claims	12	40	
Pressure Piping Design	16	32	
Process Control Systems	39	21	
Project Management	12	30	Department of the Environment, Design and Construction
Short Course on Public Transit	21	34	Transportation Group, Department of Civil Engineering, The University of Alberta
Sixteenth Short Course in Traffic Control	36	19	Western Canada Traffic Association
Terrain Analysis in Western and Northern Canada	35	19	
LAW			
Canadian Bar Association Mid-Winter Meeting	14	758	Canadian Bar Association, Alberta Branch
Advising the Agricultural Client	6	46	Legal Education Society of Alberta
Civil Litigation II	6	68	Legal Education Society of Alberta
Dealings Between Creditor and Debtor	18	211	Legal Education Society of Alberta
Driving Offences	6	63	Legal Education Society of Alberta
Estate Administration	6	131	Legal Education Society of Alberta
Insolvency Practice for the General Practitioner	6	149	Legal Education Society of Alberta
Insurance Coverage	6	47	Legal Education Society of Alberta
Investment Survival and Income Tax Planning in the 1980's	6	32	Legal Education Society of Alberta
Responsible, Professional Real Estate Practice	6	139	Legal Education Society of Alberta

LAW, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
The Budgets, "Bare Knuckle Income Tax"	6	75	Legal Education Society of Alberta
The Business Corporations Act Revisited	6	102	Legal Education Society of Alberta
The Matrimonial Practice	6	42	Legal Education Society of Alberta
The Role of the Real Estate Para-Legal	6	91	Legal Education Society of Alberta
NURSING			Faculty of Nursing, The University of Alberta
Disabled but Not Out	6	29	
Easing the Trauma of Transition: Managing Your Upward Moves	14	25	
Health Assessment			
Section 1	33	31	
Section 2	33	18	
Section 3	33	29	
Inservice Education: Increasing Role Effectiveness	21	30	
Introduction to Cardiac Arrhythmias	13	17	
Introduction to Gerontological Nursing			
Section 1	6	24	
Section 2	6	25	
Management Skills for First-Line Nursing Leaders			
Section 1	20	35	
Section 2	20	35	
Nurses and Family Interviewing: Level I	12	30	
Nursing Implications of Chemotherapy and Immunotherapy in Oncology	6	39	
Nursing the Neurologically Injured Patient	12	32	
Obstetrical Nursing Update	6	24	
Oncology Nursing: An Overview			
Section 1	6	40	
Section 2	6	30	
Oncology Nursing: Implications of Surgical Intervention and Radiation			
Section 1	6	41	
Section 2	6	31	

NURSING, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Primary Nursing - State of the Art	12	42	Faculty of Nursing, Faculty of Continuing Education, The University of Calgary
Psychiatric Mental Status Assessment	6	24	
Psychosocial Aspects of Oncology Nursing	6	42	
Resume Writing for Nurses (Public Lecture)	2	50	
Senior Nursing Managers in the Collective Bargaining Process	6	74	
Stress Management for Nurses	12	24	
The Older Adult: Nursing and Self-Care	6	27	
Writing for Publication: A Workshop for Nurses	11	24	
OTHER BUSINESS AND TECHNICAL EDUCATION			
AAS:UA - How to Survive a Tax Department Audit	2	109	Association of Academic Staff: The University of Alberta
AAS:UA - Introduction to Tax Planning	2	136	Association of Academic Staff: The University of Alberta
AAS:UA - Implications of Setting Up a Professional Corporation	2	160	Association of Academic Staff: The University of Alberta
Absenteeism	7	14	
Accounting Fundamentals (Plato)	12	4	
Administrators Colloquium IV	21	21	
Advanced Management and Leadership Skills and Techniques	14	30	
Airphoto Interpretation	30	26	
Alberta Transportation - Special Program (Plato)	10	2	
An Introduction to Employee Assistance Programs	7	10	Alberta Alcoholism and Drug Abuse Commission, Community Extension Services
Apartment Rental Techniques			
Section 1	5	18	
Section 2	6	19	
Assertive Management for Women	21	21	
Basic Skills - Math (Plato)	50	2	
Building Your Own Business - Decision Making (Plato)	3	1	

OTHER BUSINESS AND TECHNICAL EDUCATION, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Building Your Own Business - Total Curriculum (Plato)	38	4	
Business Communications Skills	14	19	
Business Management for Pharmacists	12	37	
Business Systems and Analysis Design (Plato)	50	3	
Careers, Occupations and Employment Attitudes (Plato)	5	2	
Commercial Arbitration	8	18	
Controlling Conflict	7	12	
Cost Analysis and Reporting of Costs (Plato)	16	1	
CREATE - Design (Plato)	15	2	
CREATE - Fundamentals (Plato)	19	2	
CREATE - Plato Author Language I (Plato)	56	2	
CREATE - Plato Author Language II (Plato)	64	1	
Credits and Collections	7	14	Legal Resource Centre, Faculty of Extension, The University of Alberta
Data Base Management System Environment (Plato)	12	3	
Design Operation and Maintenance of Building Systems - Part II	30	17	Building Owners and Managers Alberta, Building Owners and Managers International
Directing Others (Plato)	7	10	
Dynamics of Effective Management	21	22	
Effective Communication and Work Direction	7	26	
Effective Selling Skills			
Section 1	30	36	
Section 2	30	25	
Effective Speaking for Business and Professional People			
Section 1	21	19	
Section 2	21	15	
Eleventh Alberta Remote Sensing Course	40	31	Alberta Remote Sensing Centre, Alberta Environment
Employee Discipline and Complaint Handling	14	35	
Excavation Dewatering	24	14	

OTHER BUSINESS AND TECHNICAL EDUCATION, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
EXCEL (Plato)	14	2	
EXPLORE (Plato)	20	40	
Financial Analysis of Plans, Projects and Proposals (Plato)	10	4	
Financial Management - Total Curriculum (Plato)	45	3	
Food Service Layout and Design as an Extension of Quality Control	12	42	
Fundamentals of Finance for Non-Financial Managers (Plato)	20	1	
Fundamentals of System Development (Plato)	30	3	
Gemology: An Introduction	24	20	
General Education Development - Mathematics (Plato)	40	11	
General Education Development - Writing (Plato)	44	5	
Grievance Handling and the Arbitration Process	14	26	
Hospitality Marketing for Results	14	13	
ICB - Business Correspondence	7	31	Institute of Canadian Bankers, Edmonton Regional Council
ICB - Effective Communications and Controlling Conflict	14	33	Institute of Canadian Bankers, Edmonton Regional Council
ICB - Managing Our Most Important Resource: People	21	30	Institute of Canadian Bankers, Edmonton Regional Council
ICB - Managing Stress for Fun and Profit	14	37	Institute of Canadian Bankers, Edmonton Regional Council
Insolvency and Bankruptcy	7	15	Legal Resource Centre, Faculty of Extension, The University of Alberta
Introduction to Business Data Processing Concepts (Plato)	25	5	
Introduction to Computers (Plato)	5	260	
Introduction to Data Processing (Plato)	10	21	
Introduction to Data Processing for Managers (Plato)	7	3	
Introduction to Programming in BASIC (Plato)	60	76	
Landlords and Tenants: An Introduction to the Law	5	17	

OTHER BUSINESS AND TECHNICAL EDUCATION, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Landscape Contract Law for Consultants and Contractors	12	33	Landscape Alberta Nursery Trades Association, and Alberta Association of Landscape Architects
Leadership Skills and Techniques	16	20	
Maintaining Advertising Effectiveness on a Reduced Budget	7	10	
Management by Objectives (Plato)	5	2	
Management for New Managers			
Section 1	14	16	
Section 2	14	13	
Management of Personal Finances: An Investment Strategies Approach			
Section 1	36	32	
Section 2	36	15	
Section 3	36	20	
Managerial Success (Plato)	16	6	
Managing Institutional Food Systems	14	22	
Managing Investments			
Section 1	26	35	
Section 2	26	46	
Section 3	26	32	
Section 4	26	46	
Market Plans for Small Business	7	7	
Marketing for Non-Profit Organizations	7	16	
Management Introduction to Word Processing and Word Processing Feasibility Studies	14	23	
Microcomputers	24	71	
Microcomputing for Home and Business			
Section 1	24	31	
Section 2	24	30	
Microprocessors - A Short Course (Plato)	60	3	
Negotiating the Collective Agreement	14	16	
Occupancy Cost Control in Leasing Commercial Real Estate	5	13	
Organizational Climate	14	11	Wainwright School Division #32
Planning and Budget Control (Plato)	7	3	

OTHER BUSINESS AND TECHNICAL EDUCATION, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Plato Summer Camp '82			
Section 1	12	28	
Section 2	15	29	
Section 3	15	27	
Section 4	15	30	
Section 5	15	29	
Section 6	20	2	
Section 7	12	28	
Section 8	15	28	
Section 9	15	29	
Section 10	15	27	
Pre-Retirement Planning for the 80's	17	55	Canadian Association of Pre-Retirement Planners
Principles of Geology for the Layman	20	17	
Quality Control in Food Service	9	44	
Resource Management (Plato)	16	6	
Sales Communications	14	19	
Selling: The Psychological Approach (Plato)	15	2	
Short Course on the Income Tax Act	12	29	
Should I Buy This House?			
Section 1	10	22	
Section 2	10	32	
Section 3	10	35	
So You Want to Computerize?	7	15	
Solid Waste Management	13	29	
Starting Your Own Business: The Road to Independence			
Section 1	30	18	
Section 2	30	26	
Section 3	30	17	
Strategic Planning in the Public Sector	3	30	
Stress in Industry	16	6	
Structured FORTRAN (Plato)	75	2	
Supervisory Success (Plato)	7	13	
Tax Planning for the Owner Managed Business	14	22	
The Art of Negotiating - With Anyone			
Section 1	14	32	
Section 2	14	26	

OTHER BUSINESS AND TECHNICAL EDUCATION, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
The Creative Genius Within	14	12	
The Integrated Office: Combining Word and Data Processing for Productivity Improvement	14	20	
Time Management	5	18	
Time Management for Executive Secretaries and Administrative Assistants			
Section 1	6	20	
Section 2	7	29	
Transactional Accounting Workshop			
Section 1	14	26	
Section 2	16	14	
Understanding Financial Statements - Sequence (Plato)	28	2	
Understanding the Balance Sheet (Plato)	7	3	
Wills and Estate Planning	9	15	
Working with the Media	7	16	Institute of Public Administration of Canada
38th Annual School Business Officials Short Course	16	74	School Business Officials of Alberta Association
URBAN AND RURAL PLANNING STUDIES			
Annexation Techniques and Decisions	13	23	
Bonusing and Density Transfers in Heritage Preservation	7	44	
Development in the 80's: The Challenge	3	121	Urban Development Institute
Introduction to Computer-Assisted Design	13	19	
Planning for Uncertainty	7	15	Continuing Education, The University of Calgary
Practical Implications of Slow Growth	14	21	
The Buildings of Alberta: A Useful Heritage	10	157	Alberta Historical Resources Foundation
Public Perception and Behaviour in Environmental Planning	13	9	

SEMINAR SERIES IN LOCAL GOVERNMENT ADMINISTRATION	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Elected Officials Symposium	15	287	Alberta Association, Municipal Districts and Counties
Low Cost Computer Technology and Local Government Management			
Section 1	15	27	
Section 2	15	32	
Section 3	15	45	
Section 4	15	32	
Mediation and Arbitration of Planning and Municipal Disputes	12	70	The Alberta Mediation and Arbitration Society
Municipal Budgeting			
Section 1	12	29	
Section 2	12	25	
Section 3	12	22	
School Trustees' Seminar	18	247	Alberta School Trustee Association
COMMUNICATION			
Academic Skills (Home Study)	24	10	
Business Correspondence	7	13	
English (Home Study)	38	17	
Fiction Writing			
Section 1	24	13	
Section 2	24	16	
Section 3	24	14	
Section 4	24	15	
Language Arts in Elementary Schools (Children as Authors)	15	10	
Language Arts in Elementary Schools (Oral Activities)	15	10	
Language Arts in Elementary Schools (Language and Learning)	15	3	
Making Effective Use of Media (for Dietitians)	12	18	The Alberta Registered Dietitians Association
Making the Grade Evaluating Students in Elementary Language Arts	12	17	
Making the Grade Evaluating Students in Secondary English	17	7	

COMMUNICATION, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Mechanics of Spelling (Home Study)	18	32	
Non-Fiction Freelance Writing	24	26	
Pointsmanship	10	15	
Rhetoric and Critical Thinking (Home Study)	50	4	
Skills of Clear Writing			
Section 1	20	26	
Section 2	20	25	
Speed Reading (Home Study)	12	69	
Teaching Stories to Children	30	41	
Teaching the New Secondary Language Arts Program			
Section 1	10	11	
Section 2	10	16	
Section 3	10	12	
The Formal English Essay: Style and Structure	20	12	
Vocabulary Development (Home Study)	24	7	
Writing Effective Reports			
Section 1	15	25	
Section 2	15	25	
Writing for Children and Adolescents			
Section 1	20	20	
Section 2	20	20	
Writing Skills			
Section 1	20	21	
Section 2	20	20	
ENERGY			
A Detailed Introduction to Passive Solar and Energy Conservation	16	18	
Earth-Sheltered Housing			
Section 1	25	24	
Section 2	25	35	

FINE ARTS	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
ART HISTORY			
Alberta Art and Artists	25	21	
Architecture: Then and Now	12	23	
Styles in Twentieth Century Art	25	20	
The Dinner Party: Judy Chicago			
Section 1	15	36	Ringhouse Gallery, The University of Alberta
Section 2	15	43	Ringhouse Gallery, The University of Alberta
Section 3	15	42	Ringhouse Gallery, The University of Alberta
Travel and Art in Europe	25	29	
CERAMICS			
Air Brush Techniques for Decorating Porcelain (Advanced)	25	18	
Basic Ceramics (Introduction to Clay)			
Section 1	30	12	
Section 2	60	17	
Brushwork	30	7	
Ceramic Sculpture (Intermediate/Advanced)	60	17	
Clay and Glazing Technology (Intermediate/Advanced)	60	16	
Lidded Containers: Teapots (Intermediate/Advanced)	60	16	
Raku Workshop	25	18	
The Care and Maintenance of Masonry	7	18	Alberta Historical Resources Foundation
Throwing Functional Ware (Advanced)	30	19	
Throwing Large Forms (Advanced)	30	18	
Throwing Skills (Intermediate)	30	14	
COMMUNITY ART			
Drawing (Pen and Ink and Wash)			
Section 1, Camrose	30	8	Camrose Art Club
Section 2, Westlock	30	16	Westlock Art Club
Drawing			
Section 1, Bon Accord	30	23	Bon Accord Art Club
Section 2, Morinville	10	7	Morinville Art Club
Section 3, Bon Accord	30	19	Bon Accord Art Club

FINE ART, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Intermediate Painting (Oil, Acrylic, Watercolor), Barrhead	30	22	Barrhead Art Club
Intermediate Painting			
Section 1, Westlock	30	17	Westlock Art Club
Section 2, Barrhead	30	12	Barrhead Art Club
Section 3, Vermilion	15	7	Lakeland College, Vermilion Campus
Intermediate/Advanced Oil Painting, Ponoka	30	20	Ponoka Art Club
Landscape Painting Workshop			
Section 1, Wetaskiwin	10	5	Wetaskiwin Art Club
Section 2, Barrhead	10	15	Barrhead Art Club
Section 3, Killam	10	8	Battle River Art Club
Section 4, Peace River	15	14	Alberta Vocational Centre, Extension Department, High Prairie
Painting (Basic), Edson	10	10	Edson Art Club
Painting			
Section 1, Morinville	30	18	Morinville Art Club
Section 2, Viking	32	9	Lakeland College, Vermilion Campus
Painting Techniques			
Section 1, Westlock	30	19	Westlock Art Club
Section 2, Wetaskiwin	30	9	Wetaskiwin School District #264
Section 3, Edson	30	8	Edson Art Club
Painting Workshop, Falun	9	15	Wetaskiwin Art Club
Pastel Drawing Workshop, Morinville	10	16	Morinville Art Club
Watercolor			
Section 1, Peace River	30	9	Alberta Vocational Centre, Extension Department, High Prairie
Section 2, Manning	15	8	Alberta Vocational Centre, Extension Department, High Prairie
Watercolor Painting			
Section 1, Barrhead	10	14	Barrhead Art Club
Section 2, Westlock	30	14	Westlock Art Club
DRAWING AND PAINTING			
Design I	30	9	
Design I (Color)	30	15	
Drawing (Pen and Ink and Wash)	20	16	
Drawing (Perspective)			
Section 1	15	14	
Section 2	15	9	

FINE ART, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Drawing and Painting I			
Section 1	45	14	
Section 2	45	8	
Drawing and Painting II (Watercolor) Life	45	15	
Drawing and Painting II (Watercolor) Still Life and Field Trips	45	13	
Drawing I			
Section 1	20	10	
Section 2	20	18	
Section 3	30	17	
Section 4	30	15	
Section 5	30	18	
Section 6	30	16	
Section 7	30	12	
Drawing II (Life Drawing)	30	20	
Drawing II (Pen and Ink)	30	13	
Drawing II (Portrait)			
Section 1	30	14	
Section 2	30	11	
Drawing III (Life)			
Section 1	30	18	
Section 2	30	15	
Illustration (Advanced)	15	10	
Landscape Drawing and Oil Painting (Intermediate)	40	12	
Landscape Drawing and Painting (Oils or Acrylics) Devonian Gardens	25	15	
Landscape Drawing and Painting (Watercolor)	40	16	
Landscape Drawing and Painting (Watercolor) Devonian Gardens	25	8	
Landscape Painting	20	14	
Life and Portrait Painting II (No Instruction)			
Section 1	30	13	
Section 2	30	13	
Life Drawing	20	19	
Life Drawing (No Instruction)			
Section 1	20	17	
Section 2	20	19	

FINE ART, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Life Drawing II (No Instruction)			
Section 1	25	16	
Section 2	60	15	
Section 3	25	16	
Painting (Basic)			
Section 1	20	11	
Section 2	20	14	
Painting (Watercolor)			
Section 1	20	15	
Section 2	20	15	
Painting I (Acrylics)			
Section 1	30	13	
Section 2	30	16	
Painting I (Oils and Acrylics)			
Section 1	30	15	
Section 2	30	9	
Painting I (Oils)			
Section 1	30	15	
Section 2	30	15	
Painting II			
Section 1	30	16	
Section 2	30	13	
Painting II (Landscape)	20	13	
Painting III (Painting Techniques)			
Section 1	30	6	
Section 2	30	3	
Painting Techniques (Mixed Media)	27	13	
Spring Landscape '82, Canmore	30	35	
Studio Drawing and Painting (Life and Portrait) (No Instruction)	10	9	
Studio Drawing and Painting III (Life and Portrait)			
Section 1	20	9	
Section 2	45	6	
Summer Landscape '82			
Section 1, Slave Lake	30	24	
Section 2, Castle River	20	7	
Section 3, Castle River	30	17	
Section 4, Kootenay Plains	30	26	
Section 5, Kootenay Plains	30	14	

FINE ART, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Watercolor I			
Section 1	30	14	
Section 2	30	18	
Section 3	30	16	
Section 4	30	15	
Section 5	30	14	
Section 6	30	11	
Watercolor II			
Section 1	30	15	
Section 2	30	18	
Watercolor II (Life)	20	7	
MUSIC			
Vocal Workshop '82	156	23	
PHOTOGRAPHY			
Basic Photography Part II			
Section 1	20	19	
Section 2	20	24	
Camera Crash Course	12	12	
Color Negative and Cibachrome Printing Workshop			
Section 1	12	11	
Section 2	12	9	
Introduction to Darkroom Procedures			
Section 1	20	11	
Section 2	20	8	
Section 3	20	10	
Introduction to 35mm Color Photography			
Section 1	20	28	
Section 2	20	24	
Section 3	20	26	
Section 4	20	23	
Section 5	20	29	
Photographic Experience	20	14	

FINE ART, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
PRINTMAKING			
Printmaking (Intaglio/Drawing)	20	7	
Printmaking (No Instruction)	30	4	
Printmaking (Silkscreen)	20	10	
LIBERAL STUDIES			
GENERAL INTEREST			
A Survey of Alberta Bird Families	25	21	
Alberta Symposium on Aging 1982	24	198	
Archaeological Field Trip to Greece and Egypt	190	32	
Art of the Puppet (Workshop)			
Section 1	14	15	
Section 2	15	16	
Bamfield Marine Station Field Trip	17	36	
Colloquium XIX	28	29	
Computers: A Layperson's Appreciation	16	23	
Conversational Cree for Beginners	40	19	
Creative Thinking, Feeling and Action through Drama			
Section 1	20	20	
Section 2	20	12	
Crime Is the Issue	10	13	John Howard Society of Alberta
Current Issues in Canadian Law			
Section 1	20	12	
Section 2	20	26	
Explorations in Consciousness			
Section 1	20	22	
Section 2	20	24	
Fitness For the Physically Disabled	8	49	Research and Training Centre for Physically Disabled, and Faculty of Physical Education and Recreation, The University of Alberta
Guidelines in an Age Without Faith	20	11	

LIBERAL STUDIES, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Hawaii: Beneath the Tan	16	14	
How to Develop TV or Film Stories	16	14	
Identifying Prairie Sparrows and Buntings	10	12	
Interior Design, Part II	20	22	
Interior Design			
Section 1	40	33	
Section 2	40	35	
International Law and Contemporary Issues	20	16	
Introduction to Futurology			
Section 1	20	29	
Section 2	20	13	
Introduction to Transactional Analysis	20	15	
Issues in Adoption Reunions	12	10	
Joy of Opera			
Section 1	20	24	
Section 2	20	16	
Marine Biology	16	31	
Ministik Hills Bird Study Weekend	16	20	
Native People: Their Historical Impact in Alberta	15	12	
Oral Communications			
Section 1	20	15	
Section 2	20	14	
Section 3	20	15	
Section 4	20	13	
Pills, Pills, Pills	20	17	
Research Methods and Information Sources	6	11	
Review of High School Math	20	11	
Rhetoric, Propaganda and Popular Journalism	20	12	
Spring Session for Seniors	377	277	Alberta Advanced Education; Office of Special Sessions, The University of Alberta
Tell Me a Story	6	35	
Ukrainian Christmas Traditions	7	17	Canadian Institute of Ukrainian Studies, The University of Alberta

LIBERAL STUDIES, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Understanding the Criminal Justice System	25	34	John Howard Society of Alberta
Waterfowling Wabamun Lake	12	10	
What to Listen for in Music			
Section 1	24	40	
Section 2	24	34	
HOME ECONOMICS			
Biochemistry Update	7	45	Faculty of Home Economics, The University of Alberta
Diet Therapy Workshop	6	18	Faculty of Home Economics, The University of Alberta
Nutrition and Cancer	6	50	Faculty of Home Economics, The University of Alberta
Textile Serviceability for Retail Personnel	20	17	Faculty of Home Economics, The University of Alberta
MODERN LANGUAGES AND LITERATURE			
Advanced Spanish	40	18	Department of Romance Languages, The University of Alberta
Conversational Spanish Part II (Intermediate)	40	19	Department of Romance Languages, The University of Alberta
Conversational Spanish Part I			
Section 1	40	22	Department of Romance Languages, The University of Alberta
Section 2	40	20	Department of Romance Languages, The University of Alberta
English Language Level I			
Section 1	40	20	
Section 2	40	14	
Section 3	39	22	
Section 4	40	16	
Section 5	40	22	
Section 6	30	12	
Section 7	40	17	
Section 8	40	18	
Section 9	40	14	
Section 10	40	16	
Section 11	40	18	
Section 12	40	9	
Section 13	41	10	
Section 14	40	5	

LIBERAL STUDIES, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
English Language Level IA			
Section 1	42	13	
Section 2	40	19	
Section 3	40	16	
Section 4	39	16	
Section 5	40	15	
Section 6	40	15	
Section 7	40	14	
Section 8	39	16	
English Language Level II			
Section 1	40	21	
Section 2	40	16	
Section 3	39	20	
Section 4	40	20	
Section 5	39	22	
Section 6	40	18	
Section 7	40	21	
Section 8	40	21	
Section 9	40	14	
Section 10	40	11	
Section 11	40	18	
Section 12	40	19	
Section 13	40	14	
Section 14	40	8	
Section 15	42	11	
English Language Level II-III Conversation			
Section 1	40	18	
Section 2	40	20	
Section 3	39	19	
Section 4	40	19	
Section 5	30	15	
Section 6	40	14	
English Language Level III			
Section 1	40	20	
Section 2	39	23	
Section 3	40	13	
Section 4	40	18	
Section 5	40	16	
Section 6	30	19	
Section 7	40	18	
Section 8	40	23	
Section 9	40	21	

LIBERAL STUDIES, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
English Language Level III, Continued			
Section 10	40	13	
Section 11	40	18	
Section 12	40	20	
Section 13	40	15	
Section 14	40	17	
Section 15	40	13	
English Language Level IV Conversation			
Section 1	39	12	
Section 2	40	19	
Section 3	40	17	
Section 4	40	18	
Section 5	39	10	
Section 6	40	13	
Section 7	40	17	
English Language Level IV Writing			
Section 1	39	8	
Section 2	39	23	
Section 3	40	22	
Section 4	40	21	
Section 5	40	21	
Section 6	40	22	
Section 7	40	18	
Section 8	39	16	
Section 9	40	19	
Section 10	40	21	
Section 11	40	20	
English Language Level V Conversation			
Section 1	40	11	
Section 2	40	17	
Section 3	40	10	
English Language Level V Writing			
Section 1	39	25	
Section 2	40	10	
Section 3	40	25	
Section 4	40	19	
Section 5	40	8	
Section 6	40	8	
Section 7	40	13	

LIBERAL STUDIES, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
English Language Level VI Writing			
Section 1	40	7	
Section 2	40	9	
Section 3	30	16	
Section 4	40	9	
English Language Pronunciation			
Section 1	40	15	
Section 2	40	6	
Section 3	39	15	
Section 4	40	4	
Section 5	40	17	
Section 6	40	7	
English Language Television Course			
Section 1	5	2	
Section 2	10	9	
Section 3	5	4	
English Language TOEFL Preparation			
Section 1	40	16	
Section 2	40	14	
Section 3	30	21	
Section 4	39	10	
Section 5	40	8	
Section 6	40	9	
Section 7	40	14	
Section 8	40	18	
Section 9	40	15	
English as a Second Language for Indonesians	45	5	
French One-Day Immersion	8	10	Faculte St. Jean, The University of Alberta
German for Beginners			
Section 1	40	25	Department of Germanic Languages, The University of Alberta
Section 2	40	19	Department of Germanic Languages, The University of Alberta
Section 3	40	19	Department of Germanic Languages, The University of Alberta
Section 4	40	20	Department of Germanic Languages, The University of Alberta
Intermediate German	40	18	Department of Germanic Languages, The University of Alberta
Oral French I			
Section 1	50	19	Department of Romance Languages, The University of Alberta
Section 2	50	19	Department of Romance Languages, The University of Alberta
Section 3	50	20	Department of Romance Languages, The University of Alberta
Section 4	50	9	Department of Romance Languages, The University of Alberta

LIBERAL STUDIES, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Oral French II			
Section 1	50	21	Department of Romance Languages, The University of Alberta
Section 2	50	19	Department of Romance Languages, The University of Alberta
Section 3	50	20	Department of Romance Languages, The University of Alberta
Oral French III			
Section 1	50	20	Department of Romance Languages, The University of Alberta
Section 2	50	18	Department of Romance Languages, The University of Alberta
Oral French IV			
Section 1	50	18	Department of Romance Languages, The University of Alberta
Section 2	50	22	Department of Romance Languages, The University of Alberta
Oral French V			
Section 1	50	19	Department of Romance Languages, The University of Alberta
Section 2	50	13	Department of Romance Languages, The University of Alberta
Oral French VI	50	11	Department of Romance Languages, The University of Alberta
SELF-IMPROVEMENT			
Adult Life Stages: Where Are You?	8	25	
Advanced Communication Workshop	7	11	
Advanced Couples Workshop	16	12	
Assertion and Interpersonal Skills Training Level I			
Section 1	20	30	
Section 2	20	30	
Section 3	20	27	
Section 4	20	30	
Section 5	15	31	
Section 6	15	20	
Section 7	15	26	
Section 8	15	22	
Section 9	15	25	
Section 10	20	29	
Section 11	20	29	
Section 12	15	30	
Assertion and Interpersonal Skills Training Level II	15	29	
Biofeedback and Stress Management			
Section 1	16	12	
Section 2	16	12	
Bragging - Letting Others Appreciate You	12	12	City of Edmonton Local Board of Health, Mental Health Division

LIBERAL STUDIES, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Breathing for Health, Relaxation, and Vitality			
Section 1	7	29	
Section 2	7	23	
Couples Workshop for Relationship Enrichment			
Section 1	16	16	
Section 2	16	20	
Section 3	16	18	
English Language, Teaching English as a Second Language	25	29	Alberta Vocational Centre
Increasing Personal Energy	15	22	City of Edmonton Local Board of Health, Mental Health Division
Life Planning for Couples	14	12	
Managing Time	13	11	
Managing Time at Work			
Section 1	7	18	
Section 2	7	13	
Section 3	7	15	
Personal Evolution: Continual Personal Change	12	12	
Personal Growth Through Self-Discovery			
Section 1	16	14	
Section 2	16	13	
Public Speaking	16	19	
Relationship Enhancement	10	16	
Release Your Brakes			
Section 1	15	28	
Section 2	15	17	
Section 3	15	30	
Shyness			
Section 1	16	25	
Section 2	16	21	
Speaking in Social Groups	16	19	
Strategies for Managing Stress			
Section 1	24	24	
Section 2	24	18	

LIBERAL STUDIES, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Stress Management for Everyday Living			
Section 1	10	14	
Section 2	10	7	
Section 3	10	12	
Section 4	10	11	
Teaching English as a Second Language to Adults			
Section 1	25	24	Alberta Vocational Centre
Section 2	25	27	Alberta Vocational Centre
Section 3	25	25	Alberta Vocational Centre
Section 4	25	25	Alberta Vocational Centre
Teaching English as a Second Language Advanced Workshop - A Phenomenological Approach to English as a Second Language Curriculum	3	12	
Teaching English as a Second Language Advanced Workshop - Error Analysis in Oral and Written Structure	3	10	
Teaching English as a Second Language Advanced Workshop - Linguistics and Language Teaching	3	14	
Teaching English as a Second Language Advanced Workshop - Methodology	3	10	
Teaching English as a Second Language Advanced Workshop - Oral Skills	3	16	
Teaching English as a Second Language Advanced Workshop - Pronunciation	3	12	
Teaching English as a Second Language Advanced Workshop - Writing for Academic Students and Professionals	3	8	
Teaching English as a Second Language Weekend Workshop	16	26	Alberta Vocational Centre
Teaching English as a Second Language Workshop - Help Beyond Language	3	12	
Teaching English as a Second Language Two-Day Workshop	16	30	
SOCIAL SCIENCE			
Achieving Change in Children Through Stories	6	28	
Communicating Effectively with 3-12 Year-Olds	12	16	
Coping With Loss			
Section 1	10	20	
Section 2	10	20	

LIBERAL STUDIES, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Family Communication: Family Interaction	13	14	
Leadership Development	27	25	Alberta Social Services and Community Health
Understanding Blended Families	12	13	
Understanding the Family as a System	13	13	
WOMEN'S PROGRAM			
A Critical Analysis of Policies and Practices Which Affect Families	4	22	
Assertiveness Workshop for Women			
Section 1	10	25	
Section 2	12	26	
Section 3	13	26	
Choices and Changes: You and Your Job			
Section 1	18	23	
Section 2	18	18	
Section 3	18	9	
Compulsive Eating and Body Image Level I			
Section 1	11	15	
Section 2	11	16	
Section 3	11	15	
Section 4	11	18	
Section 5	11	15	
Compulsive Eating and Body Image Level II	11	9	
Counselling Girls and Women			
Section 1	13	19	
Section 2	13	15	
Creative Writing for Women			
Section 1	14	11	
Section 2	14	10	
Financial Planning for Women			
Section 1	12	26	
Section 2	12	15	
Section 3	12	25	
Section 4	12	29	
Section 5	12	28	
If We're All in This Together, Where Is Everybody?	15	12	
Images of Women in the Media	12	11	

LIBERAL STUDIES, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Investment and Tax Planning for Women	12	25	
Moving Beyond the Cinderella Complex			
Section 1	8	21	
Section 2	8	19	
Section 3	8	20	
Pension Reform for Women	8	131	Alberta Status of Women Action Committee
Sampler in Women's Studies	12	28	
Second Look			
Section 1	25	13	
Section 2	25	20	
Section 3	25	16	
Sexual Harassment: The Secret Oppression of Working Women	2	8	Students Union, Non-Academic Staff Association, The University of Alberta
Stress Management for Women			
Section 1	12	19	
Section 2	12	15	
The Law as It Affects Women			
Section 1	16	31	The Alberta Law Foundation
Section 2	16	33	The Alberta Law Foundation
Women and Men in Families: Changes and Consequences	2	6	Academic Women's Association, The University of Alberta
Women and the Alberta Economy	16	65	Social Sciences and Humanities Research Council
Women and the Question of Power	8	16	
Women in Canadian History	12	19	
Women, Money and the Economy (A.S.W.A.C. Annual Conference)	25	185	
FITNESS AND LIFE-STYLE			
Aerobic Dance Plus	30	21	
Co-ed Fitness			
Section 1	30	36	
Section 2	30	21	
Section 3	36	21	Faculte St. Jean, The University of Alberta
Section 4	30	24	

LIBERAL STUDIES, CONTINUED	HOURS	REGIS-TRATION	CO-OPERATING AGENCIES
Fitness and Life-Style for Seniors			
Section 1	30	21	Edmonton Parks and Recreation
Section 2	30	16	Garneau Community League
Fitness and Life-Style for the Older Adult	30	12	Central Lions Senior Citizens Centre
Fitness and Pregnancy	14	62	Y.W.C.A. of Edmonton
Fitness for Men			
Section 1	30	35	Faculty of Physical Education and Recreation, The University of Alberta
Section 2	36	41	Faculty of Physical Education and Recreation, The University of Alberta
Fitness for Nurses			
Section 1	20	31	
Section 2	24	30	University Hospital School of Nursing
Fitness for Superfits			
Section 1	25	35	
Section 2	36	35	
Fitness for Women			
Section 1	30	39	Faculty of Physical Education and Recreation, The University of Alberta
Section 2	36	34	Faculty of Physical Education and Recreation, The University of Alberta
Fitness in the 80's - Making It Happen	8	59	Faculty of Physical Education and Recreation, The University of Alberta
From Fat to Fit	30	34	
Gentle Stretch for Better Health	7	15	
New Rhythms for Fitness			
Section 1	8	49	
Section 2	8	52	
Octoberfit Workshop			
Section 1	8	82	Y.W.C.A.
Section 2	8	77	Y.W.C.A.
Section 3	8	80	
Relaxercise	20	8	Edmonton Parks and Recreation
Tai Chi			
Section 1	15	18	
Section 2	15	11	
Taoist Tai Chi			
Section 1	15	14	
Section 2	15	10	

TABLE II

STUDENT REGISTRATION

	1982/83	1981/82
AGRICULTURE	1,858	4,832
BUSINESS/PROFESSIONAL		
ADULT EDUCATION AS A FIELD OF STUDY AND PRACTICE	337	424
CERTIFICATE PROGRAMS		
Applied Land Use Planning Techniques	216	330
Appraisal Institute of Canada	-	142
Certified General Accounting	1,180	1,587
Computers and Business Data Processing	1,206	929
Employee Benefits Administration	-	40
Local Government Studies	678	447
Management Development	2,839	2,271
Municipal Assessment	117	100
Personnel Administration	467	373
Public Administration	365	104
Real Estate	325	417
Registered Industrial Accounting	1,895	2,147
Safety	190	151
Society of Real Estate Appraisers	46	19
Supervisory Development Program	845	704
	10,369	9,761
CONTINUING EDUCATION FOR THE HELPING PROFESSIONS	590	380
ENGINEERING	769	895
LAW	1,954	2,054
NURSING	872	580
OTHER BUSINESS AND TECHNICAL EDUCATION	3,216	5,215
SEMINARS IN PUBLIC ADMINISTRATION AND LOCAL GOVERNMENT	816	233
URBAN AND RURAL PLANNING STUDIES	409	-
COMMUNICATION	590	656
ENERGY	77	500
FINE ARTS		
Art History	229	141
Ceramics	190	173
Community Art	342	414
Drawing and Painting	996	902
Music	23	144
Photography	245	348
Printmaking	21	24
	2,049	2,146
LIBERAL STUDIES		
Fitness and Life-Style	1,023	-
General Interest	1,449	1,447
Home Economics	136	81
Modern Languages and Literature	2,134	1,986
Self-Improvement	1,219	1,377
Social Science	149	88
Women's Program	1,128	781
	7,238	5,760
SUPERVISION AND LEADERSHIP TRAINING	-	28
TOTAL STUDENT REGISTRATIONS	31,144	33,464

TABLE III

EXTENSION LIBRARY STATISTICAL INFORMATION

	1982-83	1981-82
COLLECTION		
Number of Books at April 1 (Hardcover)	84,398	89,989
Added	3,512	5,475
Withdrawn	1,755	11,066
Number of Books at March 31	86,155	84,398
Paperbacks Added	807	624
Paperbacks Withdrawn	176	147
Talking Books (Tapes)	-	15
TOTAL at March 31	86,786	84,890
CIRCULATION		
Extension Courses	6,480	6,044
Books Sent	151,350	129,659
Book Packs	3,800	6,134
	161,630	141,837

TABLE IV

EDUCATIONAL MEDIA STATISTICAL INFORMATION

COLLECTION (at March 31, 1983)

8mm Loops	62
16mm Films	4,350
16mm Films Added	90
16mm Films Withdrawn	62
16mm Films Copies Added	4
Slide Sets	86
Slide Tape Sets	33
Records	5,390
Tapes	3,500
Transparency Sets	11
A.V. Equipment Inventory	359

CIRCULATION	CAMPUS	EXTENSION & PUBLIC	TOTAL 82-83	TOTAL 81-82
16mm Motion Picture Subjects	2,597	13,215	15,812	15,504
Records	585	4,983	5,568	5,454
Tapes	330	2,571	2,901	2,564
A/V Equipment		2,909	2,909	2,409
Screening Facilities Used	51	354	405	349
Order Processed		13,168	13,168	12,959
Tapes Dubbed		846	846	1,301
Film Catalogues		556	556	277
Slide Sets and Others	15	41	56	67

APPENDIX I

THE UNIVERSITY OF ALBERTA INSTRUCTIONAL STAFF

ACADEMIC YEAR 1982-83

Aherne, Frank, Ph.D., Professor, Animal Science
Anderson, Marjorie, M.B., Assistant Professor, Nursing
Andrew, William T., Ph.D., Professor, Plant Science
Armour, Margaret-Ann, Ph.D., Faculty Service Officer, Chemistry

Bailey, Aline, M.A., Sessional Lecturer, Romance Languages
Baird, Richard E., Ph.D., Associate Professor, Political Science
Baker, Dennis, Ph.D., Associate Professor, Business
Bakker, John J., M.S.C.E., P.Eng., Professor, Civil Engineering
Barry, Douglas, Diploma in Art, Professor, Extension
Basu, Tapan K., Ph.D., Associate Professor, Foods and Nutrition
Berry, Kathy, M.A., Sessional Lecturer, Elementary Education
Boman, Jeanette, M.A., Lecturer, Nursing
Bouthillier, P. H., S.M., Professor, Civil Engineering
Burgess, A., Ph.D., Associate Professor, Physical Education
Burns, Kevin, Sessional Lecturer, Drama
Burton, Joan Roberta, B.A.(Honors), Sessional Lecturer, Roman Languages
Burton, T. L., Ph.D., Professor, Physical Education and Recreation
Burwash, Ronald A., Ph.D., Professor, Geology

Cahill, P. J., S.T.D., Professor, Religious Studies
Campbell, Duncan D., Ph.D., Professor, Extension
Carmichael, George, MTS Consultant/Analyst, Computing Services
Chamberlin, Chuck, Ph.D., Professor, Elementary Education
Charlton, Robert B., Ph.D., Associate Professor, Geography
Chia, F. S., Ph.D., Professor and Chairman, Zoology
Collier, Tom, M.B.A., Assistant Dean for External Affairs, Business
Craige, Martin M., Administrative Professional Officer, Purchasing

Davidson, Katherine M., B.Sc., Associate Professor, Dentistry
Davies, Betty, M.S., Assistant Professor, Nursing
Davis, Louise, M.Ed., Assistant Professor, Nursing
Davy, Grant, Ph.D., Professor Emeritus, Political Science
Day, Rene, M.Sc., Associate Professor, Nursing
Demers, Patricia, Ph.D., Associate Professor, English
Denham, Ross, Ph.D., F.C.A., Associate Professor, Business
Dier, Kathleen, M.Sc., Associate Professor, Nursing
Dillon, David, Ph.D., Associate Professor, Elementary Education
Dinwoodie, D. H., Ph.D., Associate Professor, History
Doherty, Maryanne, Ph.D., Sessional Lecturer, Home Economics
Dunn, M. James, Ph.D., Associate Professor, Business

Einsiedel, Albert A., Ph.D., Associate Professor, Extension
Eisenstein, Z., Ph.D., P.Eng., Professor, Civil Engineering
Ellyin, F., Ph.D., Professor, Mechanical Engineering
Evans, Brian L., Ph.D., Professor, History

Faryon, Richard R., M.B.A., Professor and Associate Dean, Extension
Faulkner, Gary, Ph.D., Professor, Mechanical Engineering
Fearon, Daniel P., M.A., Associate Professor, Romance Languages
Field, George C., LL.B., Director, Company Law Project, Law
Fisher, A. D., Ph.D., Professor, Anthropology and Educational Foundations
Fisher, Edward G., Ph.D., Associate Professor, Business
Fitzsimmons, George, Ph.D., Associate Professor, Educational Psychology

Forbes, Jack, Diploma in Art, Assistant Professor, Extension
Friedman, Alinda, Ph.D., Assistant Professor, Psychology

Fysh, Georgina, B.Sc.N., Lecturer, Nursing

Gall, Gerald L., LL.B., Associate Professor, Law
Giovannetti, Phyllis, Sc.D., Associate Professor, Nursing
Golosinski, T. S., D.Sc., P.Eng., Professor, Mineral Engineering
Greenaway, Francoise, B.A., Teaching Assistant, Romance Languages
Greenwood, Royston, Ph.D., Associate Professor, Business
Gruhn, Ruth, Ph.D., Professor, Anthropology

Hall, Anne, Ph.D., Associate Professor, Physical Education
Hiruki, C., Ph.D., Professor, Plant Science
Holland, Leona, B.P.E., Program Coordinator, Physical Education and Recreation
Hornjatkevyc, A., Ph.D., Assistant Professor, Interdisciplinary Studies, Slavic Languages
Horowitz, Myer, Ed.D., LL.D., Professor, Elementary Education, and President, The University of Alberta
Hoy, Diane, M.A., Program Coordinator, Physical Education and Recreation
Husaini, Zohra, Ph.D., Researcher, Sociology

Jackel, Susan, Ph.D., Sessional Lecturer, Canadian Studies
Jackson, E. L., Ph.D., Associate Professor, Geography
Javidan, Mansour, Ph.D., Assistant Professor, Business
Jelen, Paul, Ph.D., P.Eng., Associate Professor, Food Science
Johnston, Peter, B.Sc., P.Eng., Senior Analyst, Computing Services

Kadar, Marlene, Ph.D., Comparative Literature
Kaiser, Peter, Ph.D., P.Eng., Associate Professor, Civil Engineering
Karpoff, David J., Programmer Analyst, Computing Services
Kennedy, Henry A., Ph.D., C.A., Associate Professor, Business
Kennedy, Jane, M.B.A., R.I.A., Visiting Assistant Professor, Business
Khetarpal, Sam P., Ph.D., Professor, Law
Kinney, Ronald, M.A., M.C.I.P., M.C.I.F.S.T., Associate Professor, Extension
Klar, Louis, LL.M., Professor, Law
Knowler, A. S., B.Com., Comptroller
Knowles, Hugh, Ph.D., Professor, Plant Science

Larsen, Jenniece, M.Ed., Assistant Professor, Nursing
Lewin, Victor, Ph.D., Professor, Zoology
Lewis, Georgina, M.A., M.S.L.S., Professional Librarian, Rutherford Library
Lewis, Henry T., Ph.D., Professor, Anthropology
Liburd, Rosemary, Ph.D., Counsellor, Student Counselling
Ligowski, Jane, B.Sc., Lecturer, Nursing
Lockwood, Charles, M.B.A., Dean, Extension
Logan, Frederick John, Ph.D., Lecturer, Agriculture and Forestry
Lombardi, Naldo, B.A., Teaching Assistant, Romance Languages
Lowe, Graham, Ph.D., Assistant Professor, Sociology

MacKay, David A., Ph.D., Professor, Educational Administration
Mahadoo, Balwanth, Ph.D., French Instructor
Mailo, William R., B.Com., C.A., Director, Internal Audit
Marshall, Dru, M.Sc., Fitness Unit, Physical Education
Martin, R. Glenn, Ph.D., Professor, Secondary Education
Masson, Jack K., Ph.D., Associate Professor, Political Science
McCaughey, G. S., M.A., Professor, English
McFarland, Elsie, Ph.D., Professor, Recreation Administration
McIrvin, Anne A., LL.M., Associate Professor, Law
Mis, Walter K., LL.M., Professor, Law
Morgenstern, Norbert R., Ph.D., P.Eng., Professor, Civil Engineering
Morton, Roger D., Ph.D., Professor, Geology

Nedd, Albert, Ph.D., Professor and Chairman, Organizational Analysis, Business
Newton, James, Ph.D., Associate Professor, Business
Norby, Reg R., M.Sc., Administrative Professional Officer, Rural Economy

Oster, John, Ph.D., Associate Professor, Secondary Education

Pagliaro, Louis A., Ph.D., Associate Professor, Pharmacy
Palmer, A. Richard, Ph.D., Assistant Professor, Zoology
Park, Caroline, M.Ed., Assistant Professor, Nursing
Park, Colin, Ph.D., Assistant Professor, McLaughlin Research Institute

Park, Michael M., LL.M., Associate Professor, Business
Patrie, James, Ph.D., Assistant Professor, Elementary Education
Patterson, Brent, B.P.E., Program Coordinator, Physical Education and Recreation
Patterson, Robert S., Ph.D., Associate Dean, Education
Payne, Louise, M.N., Lecturer, Nursing
Pearce, Ruth A., M.A., Associate Professor, Extension
Percy, Michael, Ph.D., Associate Professor, Economics
Petruk, Milt, Ph.D., Professor, Industrial and Vocational Education
Plain, Richard H.M., Ph.D., Associate Professor, Economics and Community Medicine
Preshing, William A., Ph.D., Professor, Extension
Prestwich, Patricia E., Ph.D., Associate Professor, History
Prithipaul, K. Dad, Ph.D., Associate Professor and Chairman, Religious Studies

Qureshi, Regula, Ph.D., Sessional Lecturer, Sociology

Rachey, Darcia Anne, M.A., Applications Analyst, Extension
Rafferty, Patricia H., M.Ed., Associate Professor, Elementary Education
Rankin, William, M.A., Sessional Lecturer, Testing and Remediation
Rasmussen, R. V., Ph.D., Associate Professor, Business
Relyea, Joyce, M.Ph., Assistant Professor, Nursing
Reschenthaler, Gil, Ph.D., Professor, Marketing and Economic Analysis, Business
Roberto, Claude, M.A., Part-Time Sessional Lecturer, Faculte Saint Jean
Roberts, Hayden W., Ph.D., Professor, Extension
Ross, Donald M., Ph.D., Sc.D., Professor Emeritus, Zoology
Ruhl, Ron, M.B.A., Lecturer, Business
Rutter, Nathaniel W., Ph.D., Professor and Chairman, Geology

Savage, Harry, Diploma in Fine Art, Associate Professor, Extension
Sawatzky, Don, Ph.D., Professor, Education Psychology, and Director, Counselling Clinic
Schmidt, Alfred, Diploma in Fine Art, Assistant Professor, Extension
Schneck, Rodney, Ph.D., Professor, Organizational Analysis, Business
Searle, Dennis, M.A., Assistant Professor, Elementary Education
Sego, David, Ph.D., P.Eng., Associate Professor, Civil Engineering
Seymour, Patrick, B.Sc., Director, Devonian Botanic Gardens
Shaffer, Edward H., Ph.D., Professor, Economics
Shaw, James A., M.Sc., Professor, Extension
Skillen, Lynn, M.H.Sc., Assistant Professor, Nursing
Smith, Alan, D.M.A., Professor, Education
Smith, Daniel W., Ph.D., Professor, Civil Engineering
Smith, Richard C., Ph.D., Professor and Chairman, Classics
Spencer, A. N., Ph.D., Associate Professor, Zoology
Sprague, James, Ph.D., P.Eng., Professor, Mechanical Engineering
Stasiuk, John, Systems Manager, Computing Services
Stewart, William H., Ph.D., Professor, Extension
Stimpson, Brian, Ph.D., P.Eng., Associate Professor, Mineral Engineering
Stott, Joh, Ph.D., Associate Professor, English
Supynuk, Allen, B.Sc.(Honors), Programmer/Analyst, Computing Services
Susut, Sandy, M.A., Assistant Professor, Extension
Swinnerton, Guy, Ph.D., Assistant Professor, Recreation Administration
Swyripa, Frances, M.A., Research Associate, Canadian Institute of Ukrainian Studies
Sydie, Ros, Ph.D., Associate Professor, Sociology
Szabo, Michael, Ph.D., Administrative Professional Officer, Computing Services

Teply, Stan, Dip.Ing., P.Eng., Professor, Civil Engineering
Thompson, David, B.A., P.B. Certificate, Ceramic Technician, Extension
Thomson, Stanley, Ph.D., Professor, Civil Engineering
Toop, Edgar W., Ph.D., Associate Professor, Plant Science

Van Esch, Lynda, Assistant Professor, Business
Vitt, Dale H., Ph.D., Professor, Botany

Wales, Marilyn, B.Sc.N., Assistant Professor, Nursing
Walsh, Cathy, B.P.E., Research Associate, Physical Education and Recreation
Wangler, David G., Ph.D., Professor, Education Foundations
Weideman, Donald J., M.B.A., Professor, Extension
White, T. H., Ph.D., Professor and Dean, Arts
Whittaker, John D., Ph.D., Associate Professor, Mechanical Engineering
Weins, Harold, B.A., Associate Professor, Music
Wikely, John Keith, B.A.(Honors), M.I.L., Professional Librarian, Rutherford Library

Williams, C. Brian, Ph.D., Professor, Industrial and Legal Relations
Wilson, Derek, Ph.D., Professor, Elementary Education and Geology
Wohlfarth, Harry, Dr.Acad., Professor, Extension

Yonge, Olive, M.Ed., Assistant Professor, Nursing
Yurkevich, Myroslav, Research Associate, Canadian Institute of Ukrainian Studies

Zwicker, Brian R., M.B.A., C.A., Visiting Assistant Professor, Business

APPENDIX II

OTHER INSTRUCTIONAL STAFF
ACADEMIC YEAR 1982-83

Adams, Anthony, Chairman, National Association for the Teaching of English, Cambridge University, Cambridge, England
Albi, Giuseppe, Artist
Alexander, W. Gordon, President, Alberta Construction Association
Alidina, Ali, U.D.B.S., R.I.A., Comptroller, Raja Importex Company Limited
Allred, G. K., Executive Director, Alberta Land Surveyors' Association
Altwasser, Garnet, President, Lakeside Feeders, Brooks, Alberta
Andrew, Chris, B.A., Planner, Transportation Department, City of Calgary, Calgary, Alberta
Andrus, Deborah L., M.A., Sessional Lecturer, Business
Armit, Robert, M.B.A., Director, Office of Research Services
Asano, Frances, B.A., Instructor, English as a Second Language
Ashworth, Roger W., M.A., Patent Writer, Technical Writer, Syncrude Canada Ltd.
Atkins, Geoff, Manager of Plant and Equipment, Edmonton Transit
Aurilia, Elizabeth, M.A.
Austin, Dale, Alberta College of Art, Senior Graphic Designer, President, Austin, Chisholm & Associates
Ayre, John W., B.Com., C.P.M., Partner, Budean Management Ltd.

Bachu, Stefan, Ph.D., Associate Research Officer, Alberta Research Council
Backhouse, Constance, LL.B., Assistant Professor, Law, University of Western Ontario, London, Ontario
Baker, Darlene, Administrative Assistant, Occupational Therapy, University of Alberta
Baker, Mary, B.Ed., Instructor, English as a Second Language
Baker, Patricia, B.Ed., Mathematics Teacher
Baldwin, Bob, M.A., Representative, Canadian Labour Congress, Ottawa, Ontario
Ball, Theresa, B.A., Diploma in TESL, Instructor, English as a Second Language
Bancroft, D. A., Ph.D., Coordinator, Athabasca University
Barber, Ernie, Ph.D., Professor, Agriculture Engineering, University of Saskatchewan, Saskatoon, Saskatchewan
Bardy, Karen, B.A., Instructor, English as a Second Language
Bargen, Peter, Superintendent, St. Albert Protestant School Board, St. Albert, Alberta
Barrett, L. G., B.Sc., P.Eng., M.E.I.C., Chemical Engineer, Curtis Engineering and Texting Ltd.
Baskin, Leonard S., Director, Technical Services, BBT Geotechnical Consultants Ltd.
Bayne, Ronald, M.D., F.R.C.P., Medical Director, St. Peter's Centre, Hamilton, Ontario
Beaubien, Jim, Ph.D., Consulting Psychologist, Beaubien & Associates Ltd.
Beck, Chris, Farm Technician, Parkland Farm, Plant Science, University of Alberta
Bell, Tony, M.F.A., Communications Teacher
Bentley, Helen, M.Sc., Interior Design Teacher
Berezowsky, Joyce L., B.A., President, Office Support Systems
Berg, Sten, President, Alberta Cattle Commission, Ardrossan, Alberta
Berghofer, D. E., Assistant Deputy Minister, Program Services Division, Alberta Advanced Education
Beswick, Raymond, B.A., Partner, Harwick Consultants Ltd.
Bhatti, Tariq, Ph.D., Director of Staff Training and Development, Alberta Alcoholism and Drug Abuse Commission
Bissett, William G., B.A., Director, Communications, Public Affairs Bureau, Government of Alberta
Blaney, Jack, Ph.D., President, University Development and Extension, Simon Fraser University, Burnaby, British Columbia
Blazuk, Julia, Drama Consultant
Blinston, Gordon E., Ph.D., Manager, Clinical Systems, University of Alberta Hospitals

Blitz, Ava, M.F.A.
Blunck-Devicque, Ute-Brigitte, B.A.(Special), German Teacher
Bobey, Ken, Programmer, Ground Water Consultants Group, St. Albert, Alberta
Bodnaruk, Myroslav
Boga, Sadruddin K., M.Sc., P.Eng., Chief Civil Engineer, Syncrude Canada Ltd.
Bolin, Ronald, M.A., Computrex Centres Ltd.
Boulton, Ken, Radio Producer, Freelance Writer, Radio and Television, University of Alberta
Bonner, Gordon S., President, Gordon S. Bonner & Associates Inc.
Bourgeois, Michele, B.Sc.N., Nursing Instructor, School of Nursing, University of Alberta Hospital
Boyce, Byrl N., Ph.D., S.R.E.A., Professor, Business Administration, University of Connecticut, Storrs, Connecticut
Boyd, Marion, B.Sc.N., Assistant Education Coordinator, Cross Cancer Institute
Bradich, Len N., Vice-President and General Manager, Western Region, Burns Meats Ltd., Calgary, Alberta
Brdley, Dawn, M.A.
Bradley, William James, Safety Coordinator, Business Administration Diploma, Certificate, St. John Ambulance, Instructor, Texas A & M Fire School
Braid, Paul, Diploma in Art, Artist
Bramwell, Robert D., Ph.D.
Brauer, Paula, M.Sc., Clinical Dietitian, University of Alberta Hospital
Bremner, Anne
Bricker, Cal, Administrator, Alberta Remote Sensing Centre
Briongos, Heliodoro, M.Ed., Spanish Teacher
Britt, Jack H., Ph.D., Professor, Reproductive Physiology, North Carolina State University, Raleigh, North Carolina
Britton, B. W., Safety Supervisor, PLC-Braun-Simons Ltd.
Broadley, Deborah, B.Com., Marketing Representative, I.B.M.
Brockbank, Robert G., B.Sc., P.Eng., Vice-President, Engineering Services, PCL Construction Ltd.
Brody, Elaine, M.S.W., Philadelphia Geriatric Center, Philadelphia, Pennsylvania
Brown, Dennis H., M.Ed., LL.B., Counsellor/Psychologist, Family Service Association of Edmonton
Brown, Edward C., B.A., Manager, Long Range Planning and Research, City of Calgary, Calgary, Alberta
Brown, Michael T.G., M.B.A., P.Eng., Manager, Hardy Associates (1978) Ltd., Fort McMurray, Alberta
Bu, Howard, M.Sc., Senior Systems Analyst, Alberta Environment, Government of Alberta
Busse, Ewald, M.D., Sc.D., Associate Provost and Dean, Duke University, Durham, North Carolina
Byrne, William J., Assistant Deputy Minister, Historical Resources Division, Alberta Culture

Caesar, Karen, M.A., Consulting Psychologist, Beaubien & Associates Ltd.
Calder, Mary, B.A., Instructor, English as a Second Language
Campbell, John C., LL.B., President, J. C. Campbell Professional Corporation
Campbell, Keith, Diploma in Art, Instructor, Canadore College of Applied Arts and Technology, North Bay, Ontario
Candler, Wes, M.C.I.P., Edwards, Candler Consulting Ltd.
Capri, Vincent, B.Sc., Staff Development Officer, Personnel Administration Office, Government of Alberta
Carney, Patrick, Ph.D., Psychologist, Rehabilitation Centre, Workers' Compensation Board
Carr, Doug, LL.B., Senior Solicitor, Workers' Compensation Board
Cattoni, Jim, M.B.A., President, Cattoni Accounting Seminars Ltd.
Cava, Roberta, President, Cava Management Consulting Services
Cavanagh, Terry, Public Communications Advisor, Alberta Energy Company Ltd.
Chaffin, Don B., Ph.D., Professor and Chairman, Industrial Engineering, University of Ann Arbor, Michigan
Chalmer, John, M.Ed.
Chapman, R. S., Ph.D., Dean, Continuing Education, University of Calgary, Calgary, Alberta
Charest, Doris, B.F.A.
Cherry, Michael, B.Sc., Certificate in Computers and Business Data Processing, Systems Analyst, Alberta Government Services
Chevrier, Ev L., B.Ed., R.I.A.
Chorley, James D., B.Sc., General Manager, Dalcor Innoventures Ltd.

Chow, Dan, M.B.A., Financial Analyst, Alberta Energy Company
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